LEGAL DESCRIPTION:

PARCEL 1:

RV STORAGE - ALBUQUERQUE

A CERTAIN TRACT OF LAND SITUATED WITHIN THE TOWN OF ATRISCO GRANT, PROJECTED SECTION 21, TOWNSHIP 10 NORTH, RANGE 2 EAST OF THE N.M.P.M., CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO AS THE SAME IS SHOWN AND DESIGNATED ON THE QUITCLAIM DEED FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON SEPTEMBER 28, 1994, IN BOOK 94-27, PAGE 6350, SAID TRACT BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING AS THE SOUTHWEST CORNER OF SAID TRACT, BEING A SET 5/8 REBAR WITH PLASTIC CAP STAMPED LS 8911, ALSO BEING A POINT ON THE NORTHERLY RIGHT OF WAY LINE OF VOLCANO NORTHWEST BEING THE TRUE PLACE OF POINT AND BEGINNING, WHENCE FOR A TIE TO THE ACS CONTROL STATION S 64° 57' 12" W, A DISTANCE OF 1244.30 FEET;

A POINT ON THE SOUTHERLY BOUNDARY OF SUNDANCE SUBDIVISION UNIT 2, BEING A SET 5/8" REBAR WITH PLASTIC CAP STAMPED "8911";

THENCE, S 83° 32' 41" E, A DISTANCE OF 228.21 FEET ALONG SOUTHERLY BOUNDARY OF THE SUNDANCE SUBDIVISION UNIT 2 TO THE NORTHEAST CORNER OF SAID TRACT, BEING A 5/8" REBAR WITH PLASTIC CAP

THENCE, N 14° 53' 31" W. A DISTANCE OF 1017.19 FEET DISTANCE TO THE SOUTHEAST CORNER OF SAID TRACT ALSO BEING A POINT ON THE NORTHERLY RIGHT OF WAY LINE OF VOLCANO ROAD NORTHWEST, BEING A SET 5/8 REBAR WITH PLASTIC CAP STAMPED "8911",

THENCE; N 68° 43' 02" W, A DISTANCE OF 97.76 FEET DISTANCE ALONG SAID RIGHT OF WAY SET 5/8" REBAR WITH PLASTIC CAP STAMPED "8911";

THENCE, S 89° 48' 54" W, A DISTANCE OF 130.19 DISTANCE ALONG SAID RIGHT OF WAY TO A SET 5/8" REBAR WITH PLASTIC CAP STAMPED "8911"; BEING THE SOUTHWEST CORNER OF SAID TRACT AND BEING THE TRUE POINT OF BEGINNING.

PARCEL 2:

A CERTAIN TRACT OF LAND SITUATED WITHIN THE TOWN OF ATRISCO GRANT, PROJECTED SECTION 21, TOWNSHIP 10 NORTH, RANGE 2 EAST, OF THE N.M.P.M., CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO AS THE SAME IS SHOWN AND DESIGNATED ON THE QUITCLAIM DEED FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON SEPTEMBER 28, 1994, IN BOOK 94-27, PAGE 6350, SAID TRACT BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS

BEGINNING AT THE SOUTHEAST CORNER OF SAID TRACT, BEING A SET 5/8" REBAR WITH PLASTIC CAP STAMPED "8911" AND BEING A POINT ON THE NORTHERLY RIGHT OF WAY LINE OF VOLCANO ROAD NORTHWEST, BEING THE TRUE PLACE AND POINT OF BEGINNING. WHENCE FOR A TIE TO THE ACS CONTROL STATION "7-K9". BEARS S 64" 57' 12" W, A DISTANCE OF 1244.30 FEET DISTANCE;

THENCE, N 89° 48' 54" W, A DISTANCE OF 211.54 FEET ALONG SAID RIGHT OF WAY TO THE SOUTHWEST CORNER OF SAID TRACT BEING A FOUND 5/8" REBAR SET ON CONCRETE "DISTURBED"

THENCE, N 15° 19' 45" W. A DISTANCE OF 1035.88 FEET TO THE NORTHWEST CORNER OF SAID TRACT, ALSO BEING POINT ON THE SOUTHERLY BOUNDARY OF SUNDANCE SUBDIVISION, UNIT 2, FOUND A ALUMINUM CAP,

THENCE, S 83° 32' 41" E, A DISTANCE OF 219.89 FEET ALONG SAID RIGHT SUBDIVISION TO THE NORTHEAST CORNER OF SAID TRACT, BEING A SET 5/8" REBAR WITH PLASTIC CAP STAMPED "8911";

THENCE, S 15° 19' 45" E, A DISTANCE OF 1009.53 FEET DISTANCE TO A SET 5/8" REBAR WITH PLASTIC CAP STAMPED "8911", BEING THE SOUTHEAST CORNER OF SAID TRACT AND THE NORTHERLY RIGHT OF WAY LINE OF VOLCANO ROAD NORTHWEST. BEING THE TRUE PLACE AND POINT OF BEGINNING.

PROJECT NUMBER:	2020-0004757
APPLICATION NUMBER:	SI-2021-00307

IS AN INFRASTRUCTURE LIST REQUIRED? (X) YES () NO IF YES, THEN A SET OF APROVED DRC PLANS WITH A WORK ORDER IS REQUIRED FOR ANY CONSTRUCTION WITHIN THE PUBLIC RIGHT-OF-WAY OR FOR CONSTRUCTION OF PUBLIC IMPROVEMENTS.

<u>DRB</u>

*ENVIRONMENTAL HEALTH, IF NECESSARY

SITE DEVELOPMENT PLAN APPROVAL:	
Einest armijo	Jul 21, 2022
TRAFFIC ENGINEERING, TRANSPORTATION DIVISION	DATE
Blaine Carter Blaine Carter (Jul 21, 2022 15:23 MDT) ABCWUA	Jul 21, 2022 DATE
Cheryl Somerfeldt (Jul 21, 2022 15:59 MDT) PARKS AND RECREATION DEPARTMENT	Jul 21, 2022 DATE
Shahab Biazar	Jul 22, 2022
CITY ENGINEER/HYDROLOGY	DATE
Jeff Palmer	Jul 21, 2022
Jeff Palmer (Jul 21, 2022 15:31 MDT)————————————————————————————————————	DATE
*ENVIRONMENTAL HEALTH DEPARTMENT (CONDITIONAL)	DATE
Herman Gallegos Herman Gallegos	05-13-22
SOLID WASTE MANAGEMENT	DATE
	Jul 26, 2022
DRB CHAIRPERSON, PLANNING DEPARTMENT	DATE

SITE PLAN

CIVIL ENGINEER

KIMLEY-HORN AND ASSOCIATES, INC. 4582 S ULSTER STREET, UNIT 1500 DENVER COLORADO 80327 CONTACT: STEPHEN LITSAS, P.E. LICENSE: NM 27565 PHONE: 303.228.2318 STEPHEN.LITSASE@KIMLEY-HORN.COM

LANDSCAPE ARCHITECT

KIMLEY-HORN AND ASSOCIATES, INC. 4582 S ULSTER STREET, SUITE 1500 CONTACT: CHRISTOPHER HEPLER, P.L.A. LICENSE: AZ 50732 PHONE: 303.228.2315 CHRISTOPHER.HEPLER@KIMLEY-HORN.COM

LEGEND

DEVELOPER

PROPERTY LINE

PROPOSED FENCE

PROPOSED SLOPE

EXISTING SLOPE

PROPOSED WATER LINE

— PROPOSED ELECTRICAL LINE

EXISTING LIGHT POLE

PROPOSED LIGHT POLE

EXISTING SS MANHOLE

PROPOSED SS MANHOLE

PROPOSED FIRE HYDRANT

PROPOSED WATER METER

PROPOSED LANDSCAPE

PROPOSED DRIVE AISLE

SIGHT TRIANGLES

PROPOSED GATE

PROPOSED PARKING BAYS

PROPOSED MONUMENT SIGN

PROPOSED SANITARY CLEANOUT

PROPOSED FLARED END SECTION

PROPOSED DETENTION POND OUTLET STRUCTURE

EXISTING SIGN

PROPOSED SIGN

PROPOSED BEND

EXISTING OVERHEAD POWER

EXISTING SANITARY SEWER LINE

G-BS-EXISTING GAS LINE

I D

—————— EXISTING WATER LINE

PROPOSED FIRE SERVICE LINE

PROPOSED SANITARY SEWER LINE

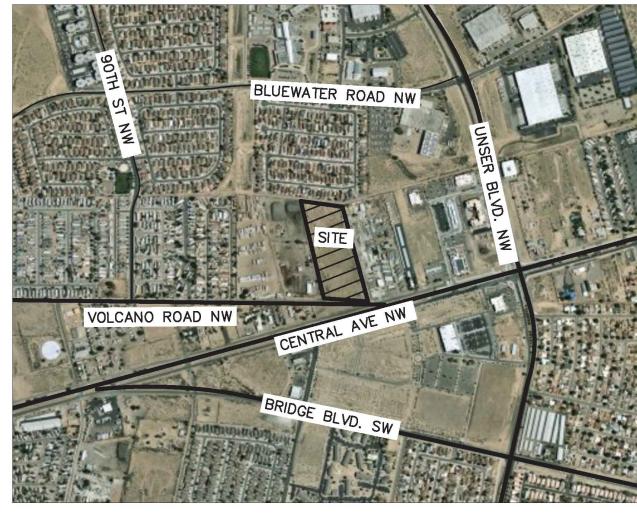
---- EASEMENT/SETBACK (AS NOTED)

EXISTING R.O.W. LINE

VOLCANO RV LP 142 HAWLEY ST., SUITE #5 GRAYSLAKE, IL 60030 PHONE: (403) 973-4882 CONTACT: BEN LOKHORST BLOKHORST@MACRITCHIE.BIZ

LAND SURVEYOR

PRECISION SURVEYS, INC. 9200 SAN MATEO BOULEVARD, NE ALBUQUERQUE, NM 871113 PHONE: 520.856.5700 LICENSED SURVEYOR: LARRY W. MEDRANO R.L.S. #11993





		SHEET INDEX
#	SHEET	SHEET TITLE
1	1	COVER SHEET
2	2	GENERAL NOTES
3	3	INITIAL EROSION AND SEDIMENT CONTROL PLAN
4	4	FINAL EROSION AND SEDIMENT CONTROL PLAN
5	5	EROSION AND SEDIMENT CONTROL DETAILS
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7	7	SITE PLAN
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14	14	LANDSCAPE NOTES		
15	15	LANDSCAPE DETAILS		

CITE DATA

SHEDATA		VEHICUL
SITE ADDRESS:	8301 VOLCANO ROAD N.W.	PARKING REC
SITE AREA: NUMBER OF LOTS:	9.59 AC (417,740.4 SF) 2	NO PARKING PART 14–16- DEVELOPMEN
EXISTING USE: PROPOSED USE:	VACANT COVERED RV PARKING OF OPERABLE	OF ALBUQUER USE OF OUTE PARKING PRO
VEHICLES		STANDARD S
PARCEL #:	100905748517640611 & 100905746717740609	MOTORCYCLE ACCESSIBLE TOTAL
LOCAL JURISDICTION: ZONING:	CITY OF ALBUQUERQUE NON-RESIDENTIAL BUSINESS PARK (NR-BP)	RV STORAGE 11' X 45' ST
ZONINH: OVERLAY ZONE:	AIRPORT ENVIRONS ZONE OVERLAY	11' X 40' ST. 11' X 35' ST. 11' X 30' ST.
BUILDING DATA:	1 STORY TEMPORARY REMANUFACTURED OFFICE PAD=5119 00	TOTAL

LESS THAN 1%

FLOODZONE

BY GRAPHIC PLOTTING ONLY, THIS PROPERTY IS IN ZONE "X" OF THE FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 35001C0328J, WHICH BEARS AN EFFECTIVE DATE OF NOVEMBER 4, 2016 AND IS NOT IN A SPECIAL FLOOD HAZARD AREA. NO FIELD SURVEYING WAS PERFORMED TO DETERMINE THIS ZONE AND AN ELEVATION CERTIFICATE MAY BE NEEDED TO VERIFY THIS DETERMINATION OR APPLY FOR A VARIANCE FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY.

VEHICULAR PARKING DATA

<u>EQUIRED</u>

G REQUIRED PER TABLE 5-5-1, 5-5 OF THE INTEGRATED NT ORDINANCE FOR THE CITY ERQUE, NEW MEXICO FOR THE TDOOR STORAGE

PARKING PROVIDED	
STANDARD STALLS	2
MOTORCYCLE STALL	1
ACCESSIBLE STALLS (VAN)	1_
TOTAL	4
RV STORAGE PROVIDED	
11' X 45' STALLS	337
11' X 40' STALLS	10
11' X 35' STALLS	4
11' X 30' STALLS	67
TOTAL	418

Z Co ≥ (27565) 05/11/2022 STONAL ENG

PROJECT NO. 096648005 DRAWING NAME 096648005_CV.dwg

NOT FOR CONSTRUCTION

SHEET

DESIGNED BY: ME

DRAWN BY: AE CHECKED BY: SA

DATE: 05/11/202

CITY OF ALBUQUERQUE GENERAL NOTES

- THE CONSTRUCTION SPECIFICATIONS FOR THIS PROJECT INCLUDE ALL PLANS AND SPECIFICATIONS INCLUDED IN THE CONTRACT DOCUMENTS. THOSE CRITERIA ARE TO BE UTILIZED AND APPLIED IN CONJUNCTION WITH THE NEW MEXICO STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION) PUBLISHED BY THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA) NEW MEXICO CHAPTER
- 2. THE CONTRACTOR WILL CONFINE HIS WORK WITHIN THE CONSTRUCTION EASEMENT LIMITS AND/OR RIGHT-OF-WAY OR PROVIDE COPIES OF AGREEMENTS WITH ADJACENT LANDOWNERS TO BERNALILLO COUNTY.
- 3. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 811 (STATEWIDE) FOR LOCATION OF EXISTING UTILITIES
- 4. THE CONTRACTOR SHALL NOTIFY THE CITY OF ALBUQUERQUE SURVEYOR NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY OF ALBUQUERQUE SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. THE CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY OF ALBUQUERQUE SURVEYOR AND SHALL NOTIFY THE CITY OF ALBUQUERQUE SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY OF ALBUQUERQUE SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, THE CONTRACTOR SHALL, AT ITS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS—PUBLIC WORKS CONSTRUCTION— 1986—UPDATE NO. 7
- 5. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF THE EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE AND MAY NOT BE COMPLETE; THEREFORE, IT MAKES NO REPRESENTATION PERTAINING THERETO AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE. PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, AND RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.
- 6. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.
- 7. ALL WATER VALVE BOXES AND MANHOLES IN THE STREET CONSTRUCTION ARE TO BE ADJUSTED TO FINAL GRADE AND WILL BE MEASURED AND PAID PER EACH.
- 8. SUBGRADE PREPARATION UNDER SIDEWALKS AND DRIVE PADS, AND SUBGRADE AND SUBBASE PREPARATION UNDER CURB AND GUTTER, ARE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF SUCH, AND NO DIRECT PAYMENT SHALL BE MADE FOR THOSE ITEMS OF WORK.
- 9. CAUTION: THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926, SUBPART P-EXCAVATIONS.
- 10. WHEN ABUTTING NEW PAVEMENT TO THE EXISTING INTERSECTING STREETS, THE EXISTING PAVEMENT SHALL BE SAW CUT PER BERNALILLO COUNTY STANDARD DRAWING 2465 TO A STRAIGHT LINE AT RIGHT ANGLES, AND ANY BROKEN OR CRACKED PAVEMENT SHALL BE REMOVED. SAW CUTTING SHALL BE CONSIDERED INCIDENTAL TO PAVING: THEREFORE, NO DIRECT PAYMENT WILL BE MADE FOR SAW CUTTING. THE CONTRACTOR SHALL CONTACT BERNALILLO COUNTY PUBLIC WORKS DIVISION (848-1502) TO REQUEST AN INSPECTOR TO VERIFY PAVEMENT THICKNESS.
- 11. TRENCHING, ASPHALT CUTTING AND PATCHING SHALL CONFORM TO BERNALILLO COUNTY STANDARD DRAWING 2465. THE CONTRACTOR SHALL CONTACT BERNALILLO COUNTY PUBLIC WORKS DIVISION (848-1502) TO REQUEST AN INSPECTOR TO VERIFY PAVEMENT THICKNESS PRIOR TO PATCHING.
- 12. WHEN APPLICABLE, CONTRACTOR SHALL SECURE TOPSOIL DISTURBANCE PERMIT FROM THE CITY OF ALBUQUERQUE AND AN EXCAVATION/CONSTRUCTION PERMIT FROM BERNALILLO COUNTY. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN BERNALILLO COUNTY RIGHT-OF-WAY.
- 3. ANY PAVEMENT DISTURBED BY THE TRENCH SHALL BE REMOVED AND THE FULL SECTION OF PAVEMENT SHALL BE REPLACED. FOR THE PAVEMENT BEYOND THAT DISTURBED BY THE EXCAVATED TRENCH, THE FOLLOWING APPLIES UNLESS OTHERWISE NOTED ON PLANS:
 - A. IF ONLY ONE LANE IS DISTURBED BY TRENCHING, THE REMAINDER OF THE ONE ENTIRE LANE SHALL BE MILLED AND RESURFACED. IN A FOUR-LANE STREET, IF MORE THAN ONE LANE BUT LESS THAN HALF THE STREET IS AFFECTED, THEN THE REMAINDER OF HALF THE STREET (TWO LANES MINIMUM) SHALL BE MILLED AND RESURFACED.
 - B. IF MORE THAN ONE-HALF OF ANY STREET WIDTH IS AFFECTED, THEN ALL PAVING IN THE STREET FROM CURB TO CURB SHALL BE MILLED AND RESURFACED

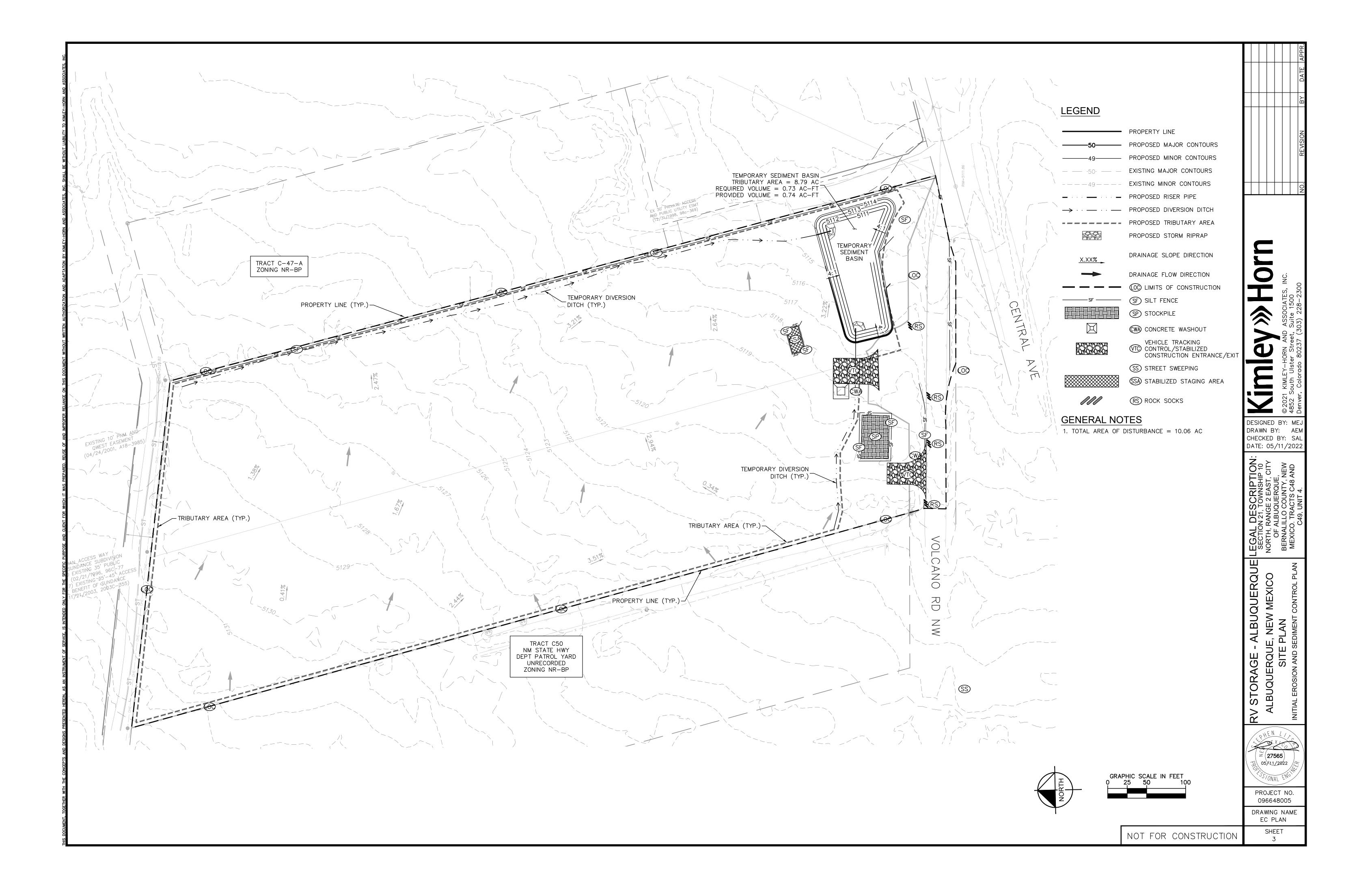
- 14. THE CONTRACTOR SHALL CONTACT BERNALILLO COUNTY TRAFFIC ENGINEERING (848-1504) BEFORE REMOVING AND/OR INSTALLING ANY TRAFFIC SIGNS OR PERMANENT STRIPING AND MARKINGS. ALL STRIPING AND PAVEMENT MARKINGS, INCLUDING LANE LINES, CROSSWALKS, LEGENDS, AND SYMBOLS, ARE TO BE CONSTRUCTED OF HOT THERMOPLASTIC IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICE LATEST EDITION. ANY PAVEMENT MARKINGS AND SIGNS REMOVED OR DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT EXISTING LOCATIONS. SUCH WORK SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION OF THE PROJECT.
- 15. INSTALL BLUE REFLECTIVE RAISED PAVEMENT MARKERS IN THE CENTER OF ROADWAY TO DELINEATE ALL HYDRANT LOCATIONS.
- 16. THE CONTRACTOR SHALL SUBMIT FIELD TEST REPORTS TO BCPWD (ATTN. DR INSPECTOR) FOR REVIEW. SAMPLING AND TESTING SCHEDULE SHALL COMPLY WITH PLAN SPECIFICATIONS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE TO RECORD ANY CHANGES ON THE PLANS AND SUBMIT DETAILED AS-CONSTRUCTED CONSTRUCTION PROJECT PLANS (AS-BUILTS) TO THE DESIGN AND/OR PROJECT ENGINEER.
- 17. BARRICADING AND CONSTRUCTION PERMITS MUST BE OBTAINED FROM BCPWD (848-1502) PRIOR TO BEGINNING OF ANY CONSTRUCTION EFFORTS.
- 18. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREIN, BE CONSTRUCTED IN ACCORDANCE WITH THE NMDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION
- 19. THE CONTRACTOR SHALL RESTORE ALL ACCESS ROADS TO THE PRE-CONSTRUCTION CONDITION. ANY DAMAGE TO ROADWAY AND/OR UNDERGROUND UTILITIES SHALL BE PROMPTLY REPAIRED AT THE CONTRACTOR'S EXPENSE.
- 20. ALL ROADWAY WORK DETAILED IN THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREIN, BE CONSTRUCTED IN ACCORDANCE WITH THE NMDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
- 21. WHEN APPLICABLE, THE CONTRACTOR SHALL SECURE A TOPSOIL DISTURBANCE PERMIT FROM THE CITY OF ALBUQUERQUE AND AN EXCAVATION/CONSTRUCTION PERMIT FROM BERNALILLO COUNTY. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN BERNALILLO COUNTY RIGHT-OF-WAY
- 22. THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE NATIONAL POLLUTANT ELIMINATION DISCHARGE SYSTEM (NPDES) REQUIREMENTS INCLUDING, BUT NOT LIMITED TO, OBTAINING AN NPDESPERMIT DURING CONSTRUCTION, SUBMISSION OF A COMPLETED NOI APPLICATION, AND SUBMISSION OF A COMPLETED NOT. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE IMPLEMENTATION OF AND INSPECTION REPORTS FOR THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE THE SWPPP REVIEWED AND APPROVED BY THE BERNALILLO COUNTY PUBLIC WORKS DIVISION, AT NO ADDITIONAL COST TO BERNALILLO COUNTY, PRIOR TO IMPLEMENTATION OF THE SWPPP.
- 23. THE CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING BUT NOT LIMITED TO THE HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIALS.
- 24. THE CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. THE CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT. WHETHER PERMANENT OR TEMPORARY. THIS GRAFFITI REMOVAL SHALL BE CONSIDERED INCIDENTAL: THEREFORE, NO SEPARATE PAYMENT WILL BE MADE.

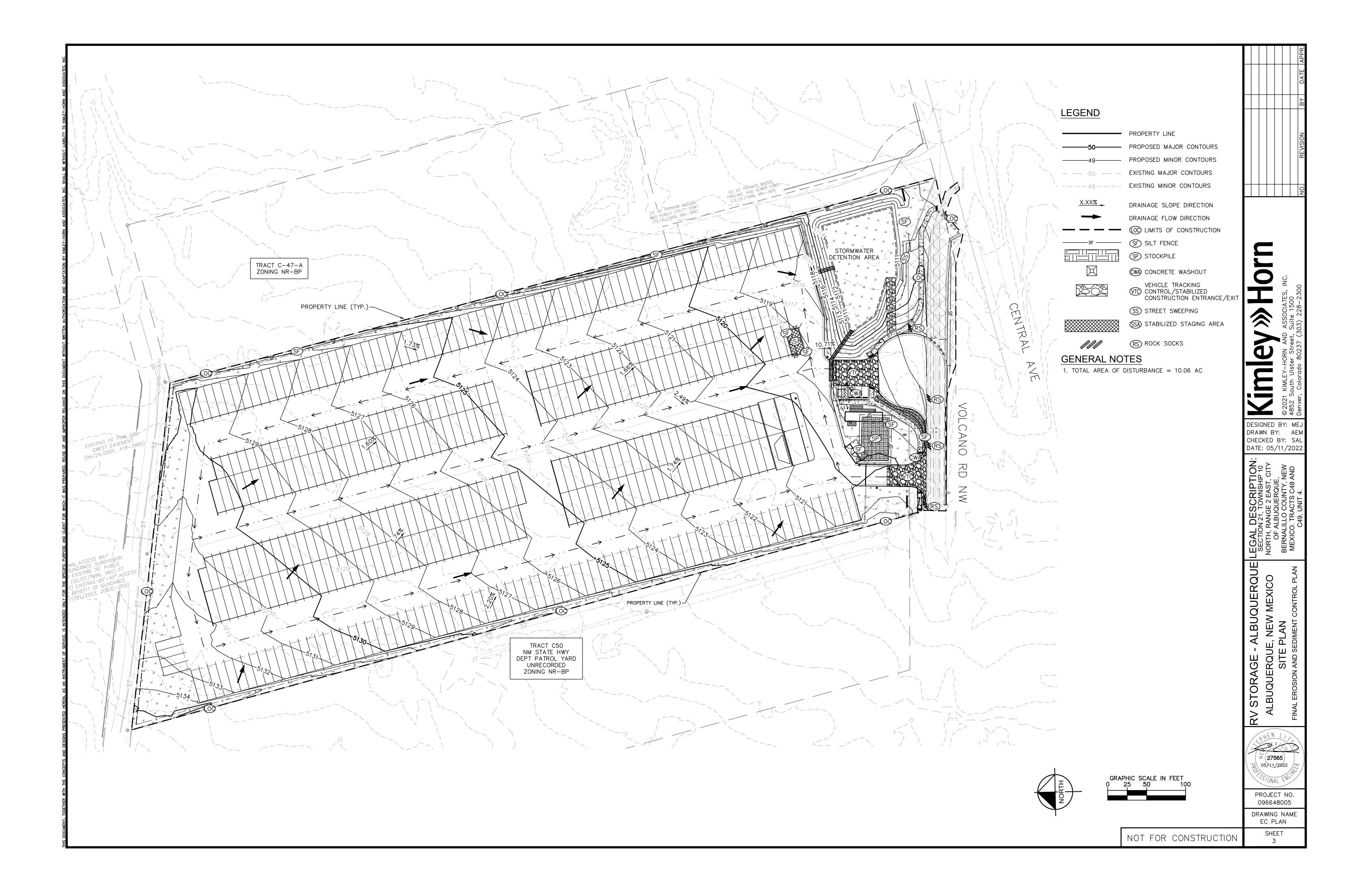
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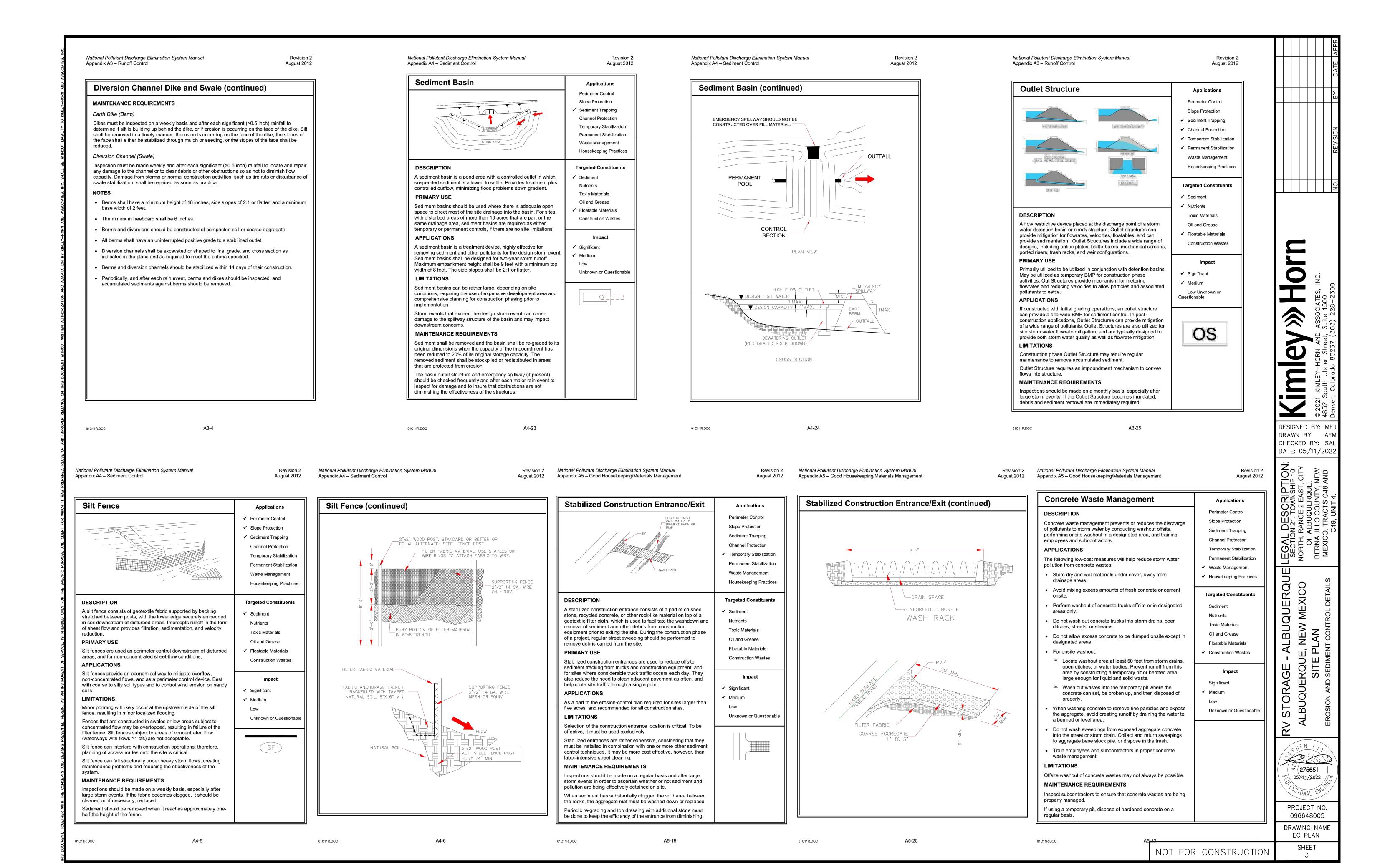


SHEET

PROJECT NO. 096648005 DRAWING NAME 096648005_CV.dwg







Disturbed Areas.

Surface Preparation

Conservation Service (NRCS) rules.

for utility and site development construction.

Plant Selection. Fertilization and Seeding

Seeding – Temporary/Vegetation (continued)

All seeded areas should be covered with mulch to provide protection from the weather. Frequent

inspections are necessary to check that conditions for growth are good. If the plants do not grow

Temporary seed selection should take into account the season and location. Specific seed mixes

quickly or thick enough to prevent erosion, the area should be reseeded as soon as possible.

can usually be found in the construction plans. The plans and specifications should reflect

Native grasses should not be used for temporary seeding. Irrigation or a temporary watering

facility should be provided. Seed should be selected in accordance with local Natural Resources

Vegetative techniques can and should apply to every construction project, with few exceptions.

Vegetation effectively reduces erosion in swales, stockpiles, berms, mild to medium slopes, and

• Interim or final grading must be completed prior to seeding, minimizing all steep slopes.

• Install all necessary erosion structures such as dikes, swales, diversions, etc., prior to

Groove or furrow slopes steeper than 3:1 on the contour line before seeding.

Provide 4-6 inches of topsoil over rock, gravel, or otherwise unsuitable soils.

along roadways. Vegetative strips can provide some protection when used as a perimeter control

temporary seeding locations, quantities, and pay items. For suggested seed types, see

Appendix D, Guidance on Seed Selection and Seeding of Temporary Vegetation on

Seeding – Temporary/Vegetation

DESCRIPTION

As a BMP, temporary seeding/vegetation is used to establish a temporary vegetative cover on disturbed areas by seeding with appropriate rapidly growing annual vegetation, annual grasses, small grains, or legumes. This short-term vegetative area will reduce erosion and sedimentation on disturbed areas that will not be permanently stabilized within an acceptable period of time. Temporary seeding will also reduce problems associated with mud and dust from construction activities on bare, unprotected

PRIMARY USE

Temporary seeding should be considered for disturbed areas that will not be permanently stabilized or have work performed thereon for a period of 21 days or more. Such areas include denuded areas, soil stockpiles, dikes, berms, temporary embankments, excavation slopes, etc. As a temporary control, vegetation is used to stabilize stockpiles and barren areas that are inactive for long periods of time. As a permanent control, grasses and other vegetation provide good protection for the soil, along with some filtering for overland runoff. Subjected to acceptable runoff velocities, vegetation can provide a good method of permanent storm water management, as well as a visual amenity to the site.

Other BMPs may be required to assist in the establishment of vegetation. These other techniques include erosion control matting; swales and dikes to direct flow around newly seeded areas; and proper grading to limit runoff velocities during construction.

APPLICATIONS

01C11R.DOC

Planting should take place when conditions are most favorable for growth (as long as the planting does not interfere with the schedule of other activities and/or regulatory requirements). Before seeding, other erosion control practices such as dikes, basins, and surface runoff-control measures (e.g., interceptor dikes and swales, etc.) should be installed. Temporary bale barriers and silt fences may have to be placed/replaced after seeding operations, since they may get in the way of the machinery. However, use common sense to coordinate operations to maximize the effectiveness of the erosion control measures. Temporary seeding may not be an effective practice in arid and semi-arid regions where the climate prevents fast plant establishment. In those areas, or when seasonal planting restrictions prohibit, temporary mulching may be better for the

For further information, refer to Section 632 of Standard Specifications for Highway and Bridge Construction (New Mexico State Highway and Transportation Department [NMSHTD] 2000).

A2-3

Applications

- Perimeter Control ✓ Slope Protection
- ✓ Sediment Trapping ✓ Channel Protection
- ✓ Temporary Stabilization
- ✓ Permanent Stabilization Waste Management

Housekeeping Practices

Targeted Constituents

✓ Sediment Toxic Materials

Oil and Grease Floatable Materials Construction Wastes

✓ Significant

Unknown or Questionable

• Use only high quality, U.S. Department of Agriculture (USDA)-certified seed. Use an appropriate species or species mixture adapted to local climate, soil conditions, and season. Consult with the local NRCS office or local County Extension Service as necessary for selection of proper species and application techniques in the area. Seeding rate should

Fertilizer shall be applied according to the manufacturer's recommendation with proper spreader equipment. Typical application rate for 10-10-10 grade fertilizer is 700-1000 lb/acre. DO NOT OVER APPLY FERTILIZER.

be in accordance with recommendations by the NRCS or Engineering Extension Service.

If hydro-seeding is used, do not mix seed and fertilizer more than 30 minutes before

Evenly apply seed using cyclone seeder, seed drill, cultipacker, or hydroseeder.

• Provide adequate water to aid in establishment of vegetation.

• Seedbed should be well pulverized, loose, and uniform.

• Use appropriate mulching techniques where necessary.

Mulching

DESCRIPTION

Mulching is used to provide a stabilized surface for seeding or to prevent erosion using chemical soil stabilizers and a variety of organic or inorganic materials, netting, or mats. **PRIMARY USE**

Mulching is used to prevent erosion by creating a permanent

material to slow surface velocity, trap sediment, and protect surface areas around structures.

APPLICATIONS

pp. 684-685 of Standard Specifications for Highway and Bridge Construction (NMSHTD 2000).

- in designated areas of the state).
- Straw should consist of clean cereal shafts.
- Hay and straw mulch should be spread at a rate of 1.5 to 2 tons per acre.
- 10 inches or more in length.
- not more than 2 inches. The mulch should be uniformly applied so that no more than 10% of the soil surface is
- surface using tackifiers, blankets, or nets, or with a mulchcrimping machine. Mechanical anchoring, or crimping, is preferred and recommended for slopes flatter than 2:1. Blankets or nets on slopes steeper than 2:1 should be anchored to the soil.
- non-corrosive powder. This material shall not contain any mineral filler, recycled cellulose fiber, clays, or other substances that may inhibit germination or growth of

Applications

- Perimeter Control ✓ Slope Protection
- ✓ Sediment Trapping Channel Protection
- ✓ Temporary Stabilization Permanent Stabilization Waste Management

Targeted Constituents

- ✓ Sediment ✓ Nutrients
- Toxic Materials Oil and Grease

Floatable Materials Construction Wastes

✓ Significant ✓ Medium

Low Unknown or Questionable

Impact



DESIGNED BY: ME DRAWN BY: AEM CHECKED BY: SA

DATE: 05/11/202

- ALBUQUERQUE

[∠] (27565) 05/11/2022

PROJECT NO. 096648005 DRAWING NAME EC PLAN

ALBUQUERQUE, NEW MEXICO SITE PLAN EROSION AND SEDIMENT CONTROL DETAILS

STONAL ENG

SHEET

Housekeeping Practices Mulching is used in areas where permanent velocity control and sediment trapping will be required. Follow Section 632,

- Hay should consist of native grasses free of noxious weed seeds (certified weed-free hay or straw may be required

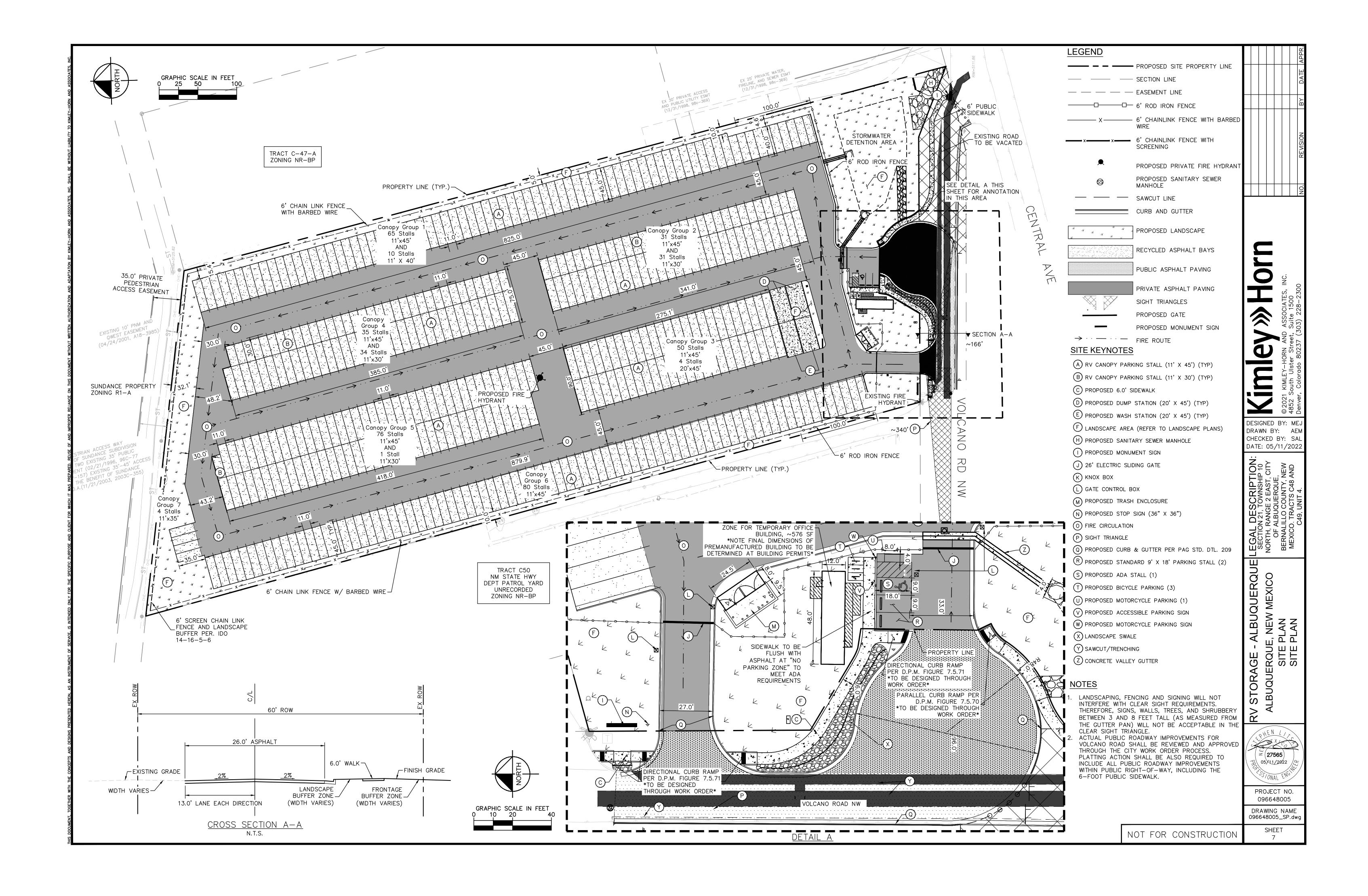
- At a minimum, 65% of the mulch, by weight, should be Applied mulch depth should not be less than 1 inch and
- Hay and straw mulch should be anchored to the soil
- Tackifiers (for anchoring) should consist of a free-flowing
- Tackifiers (for anchoring) shall be applied in a slurry with water and wood fiber (100 lbs of powder and 150 lbs of fiber per 700 gallons of water). Application rate of powder should be between 80 and 200 lbs per acre.

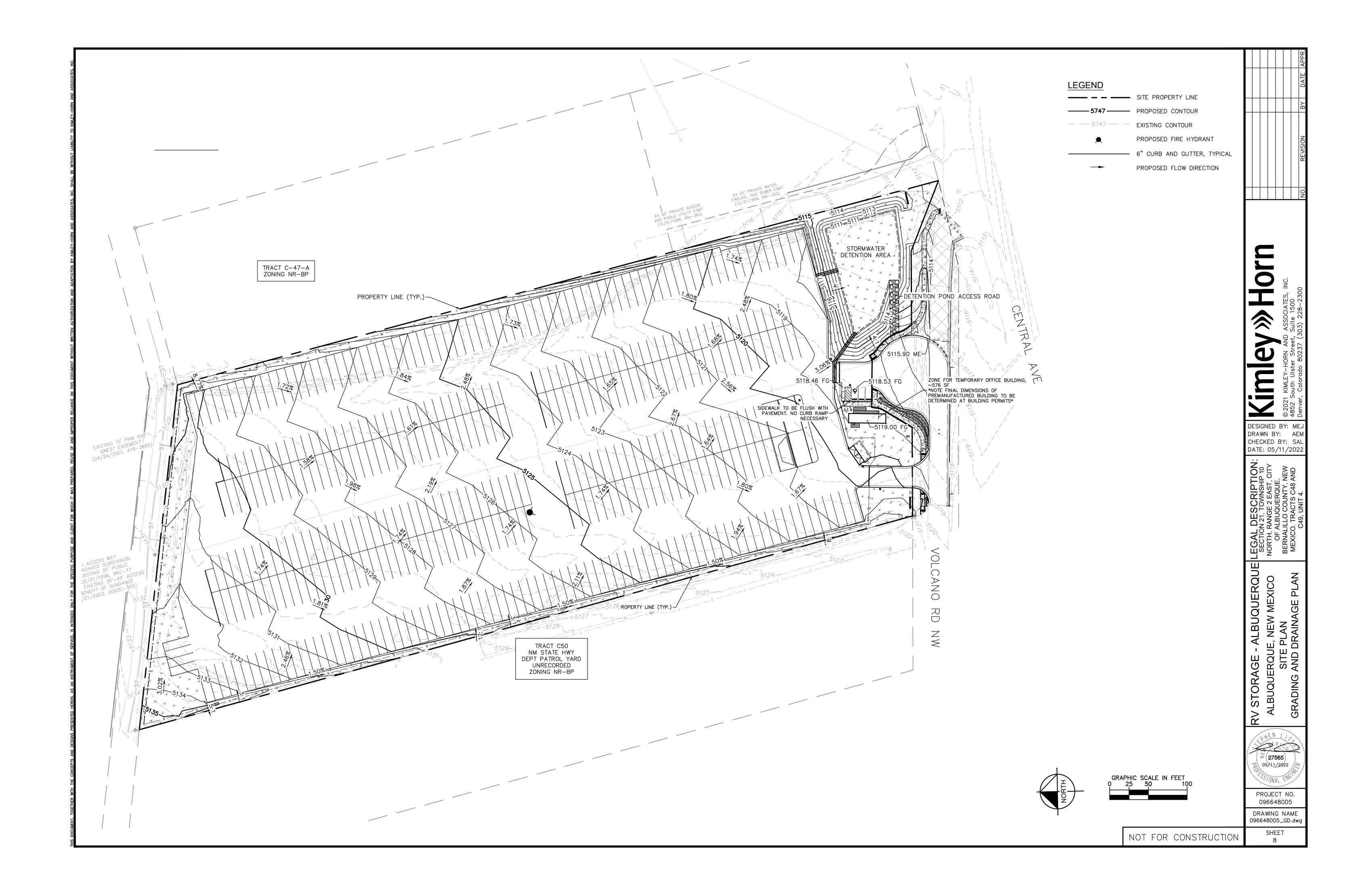
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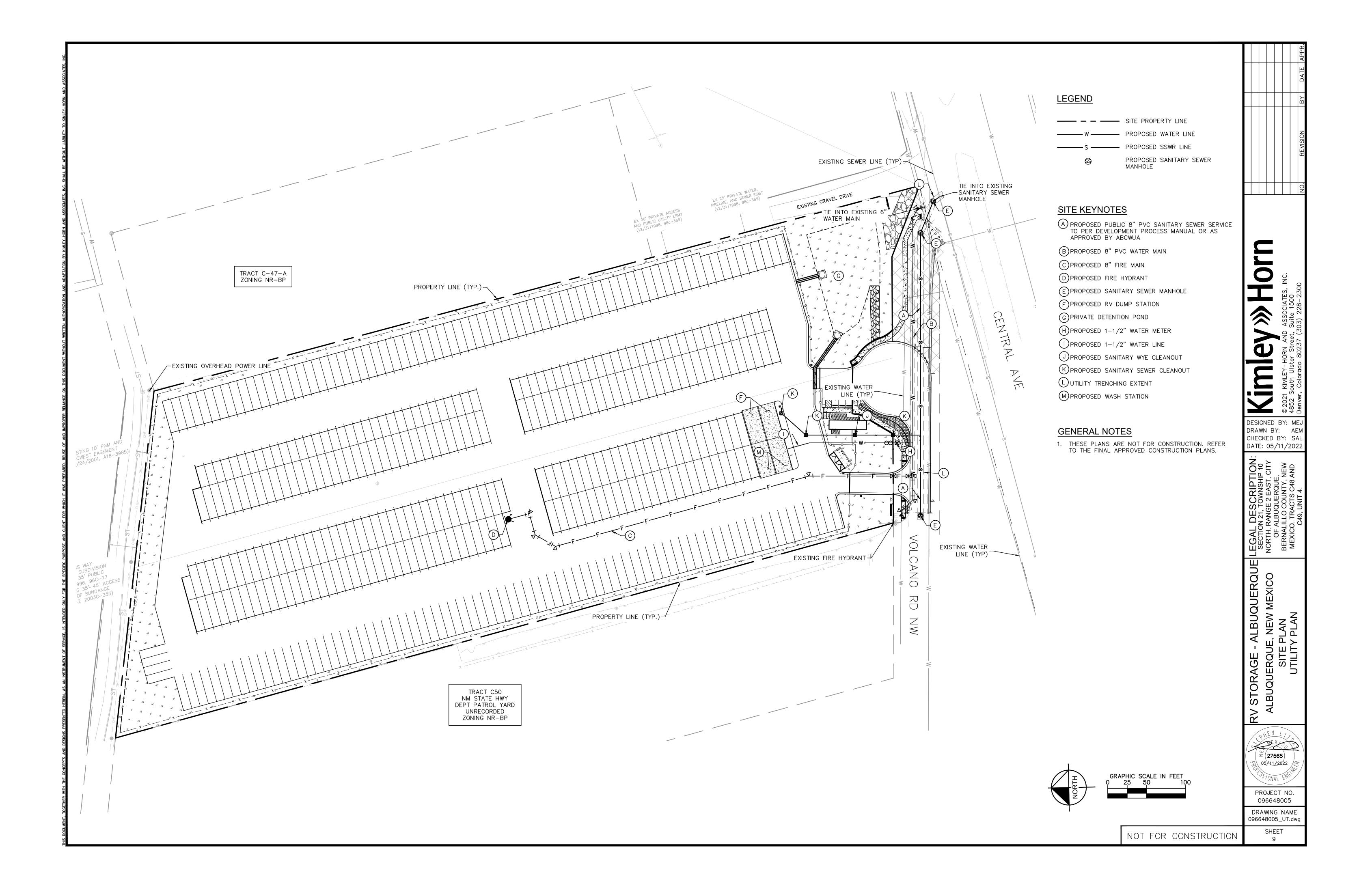
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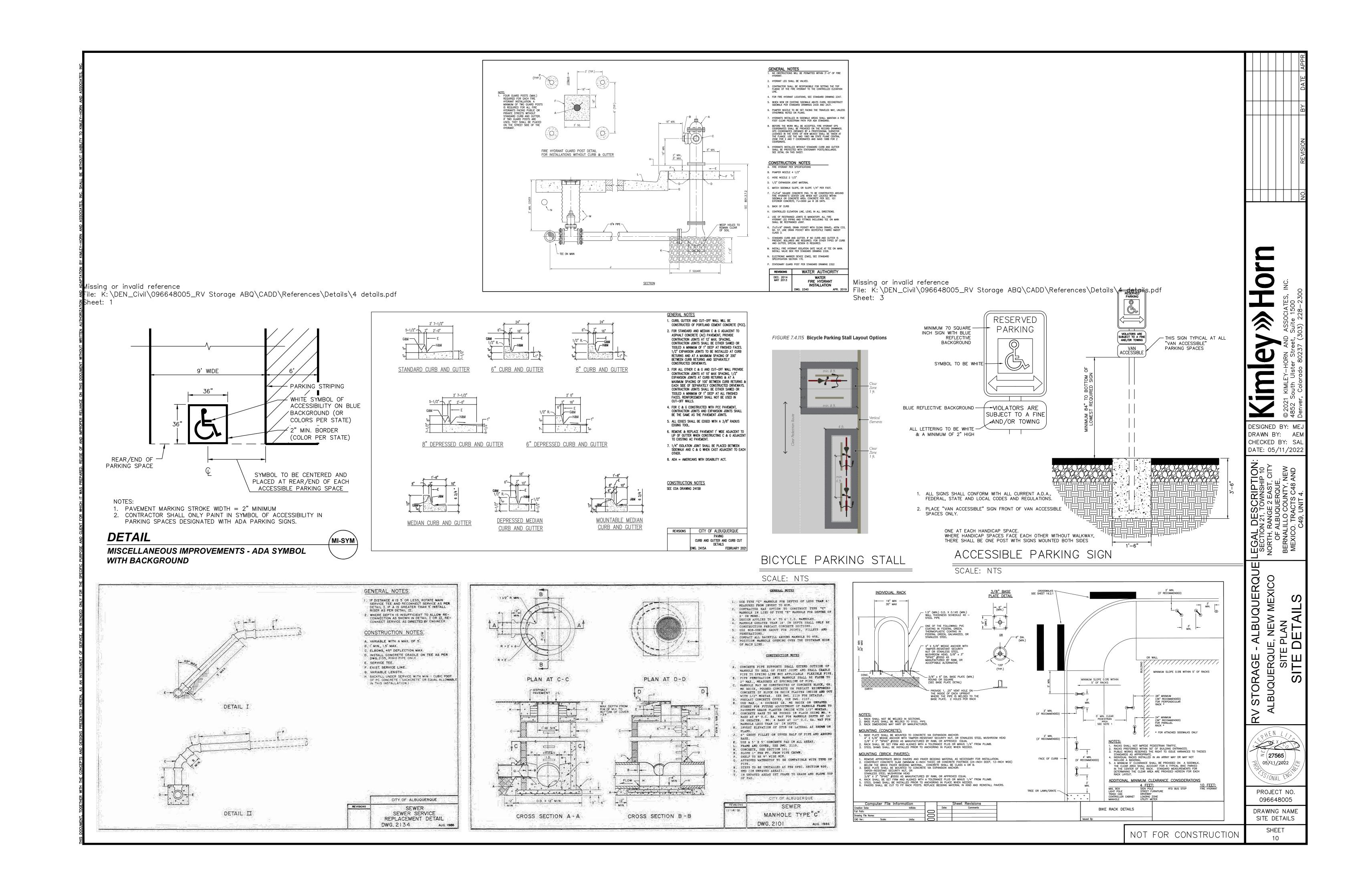
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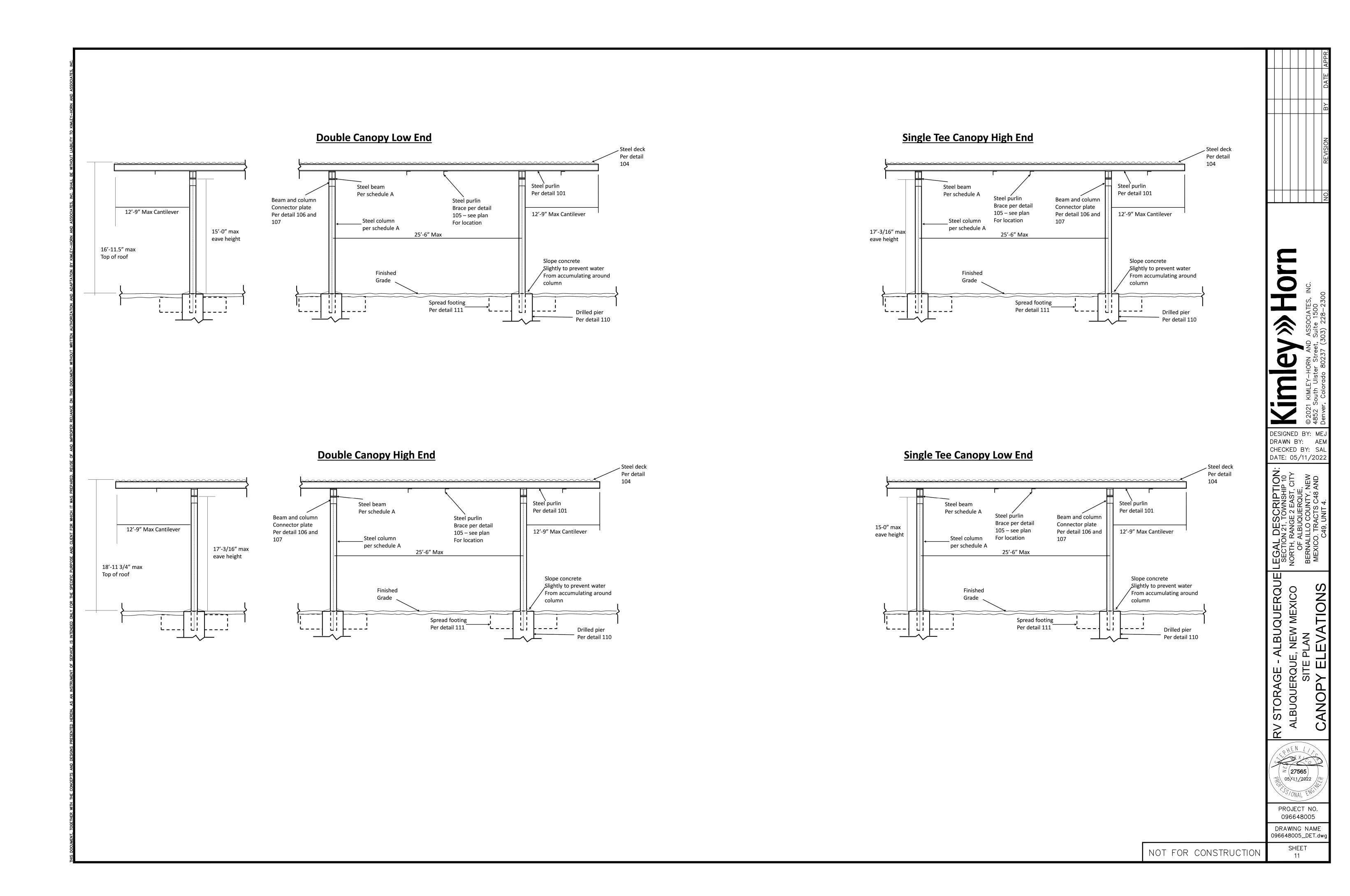
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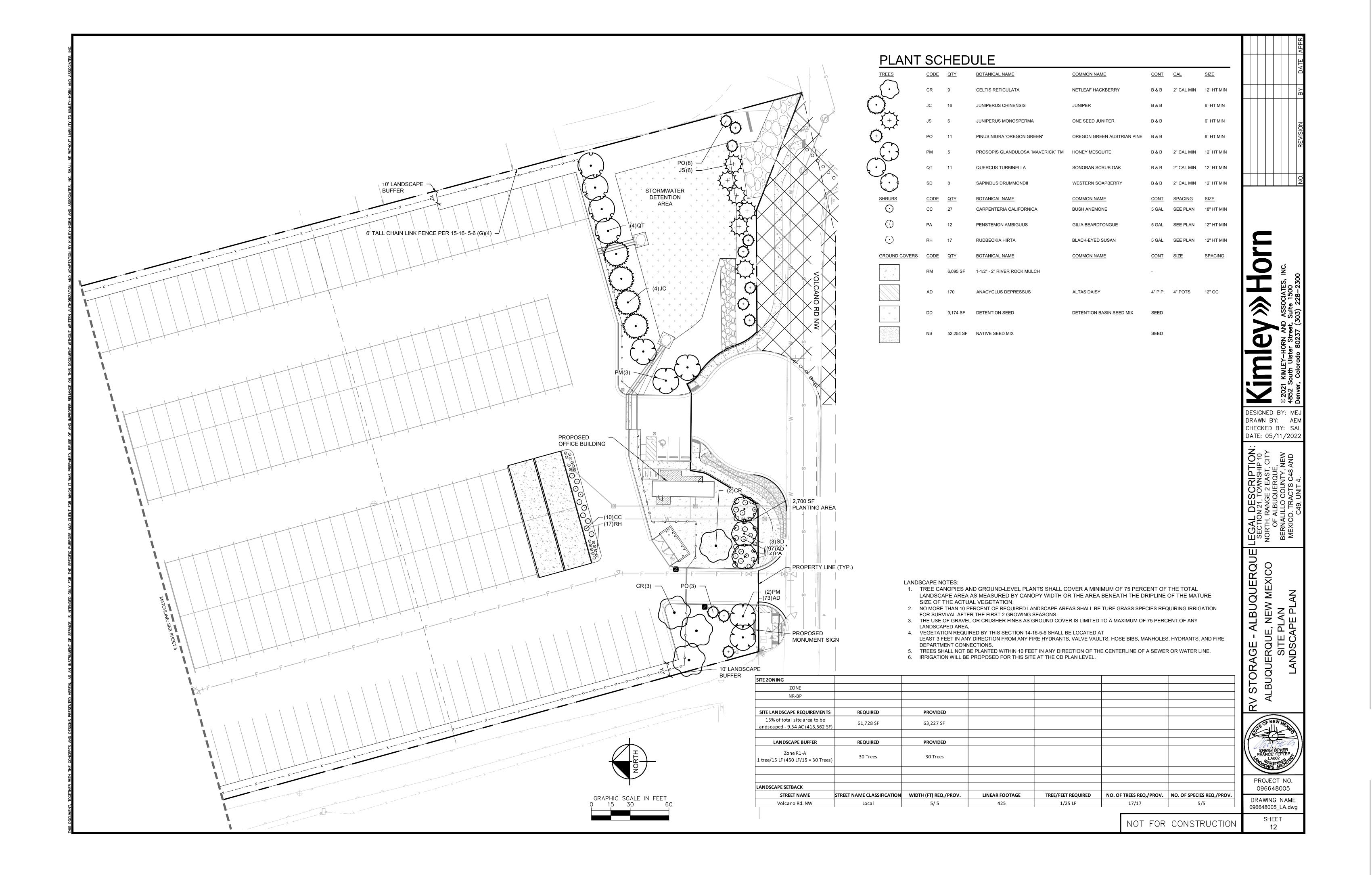


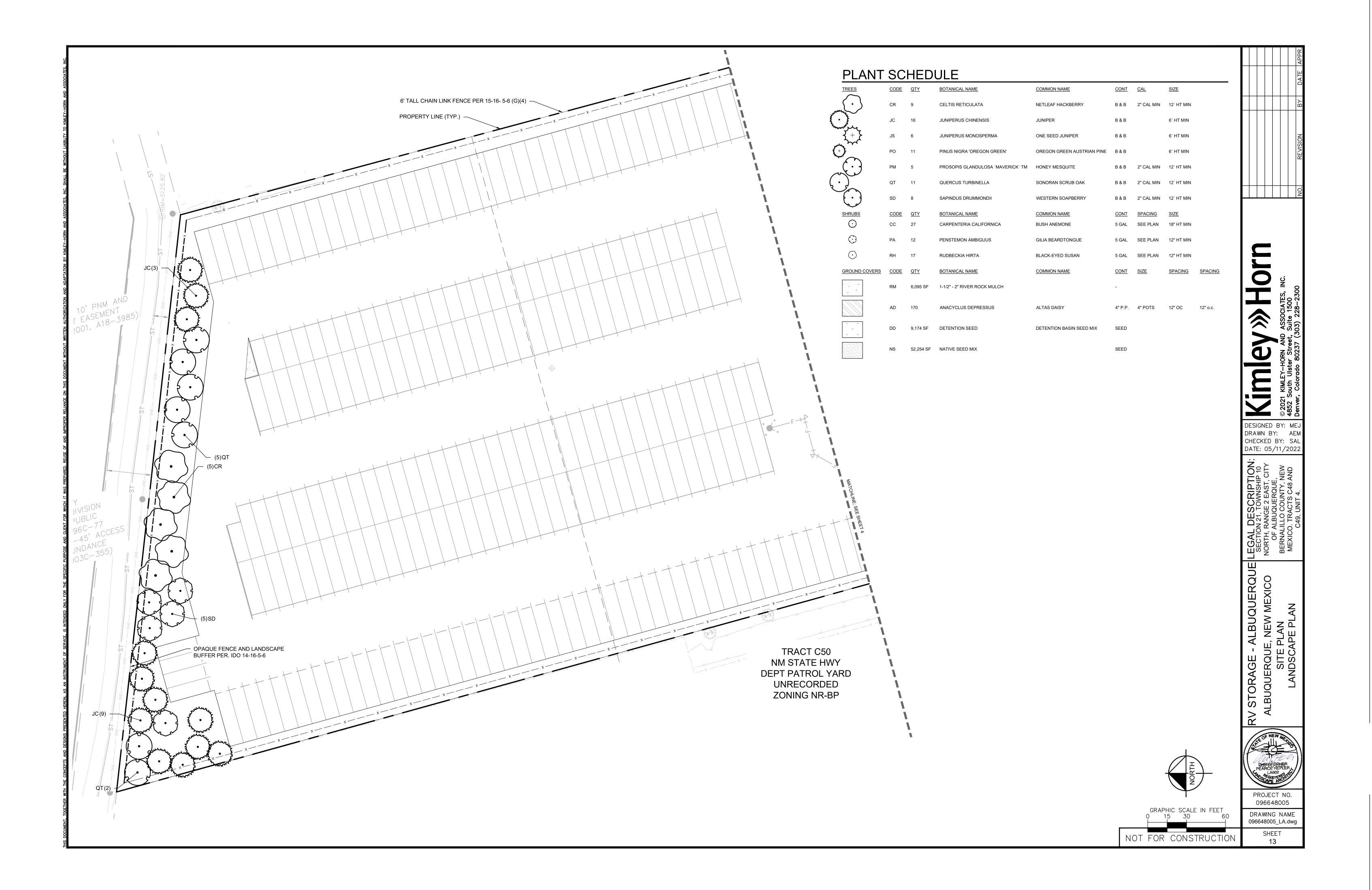












GENERAL LANDSCAPE SPECIFICATIONS

A. SCOPE OF WORK

- 1. THE WORK CONSISTS OF: FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS AND AS SPECIFIED
- 2. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTRACT PLANTING AREAS UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER.

B. PROTECTION OF EXISTING STRUCTURES

- 1. ALL EXISTING BUILDINGS, WALKS, WALLS, PAVING, PIPING, OTHER SITE CONSTRUCTION ITEMS, AND PLANTING ALREADY COMPLETED OR ESTABLISHED AND DESIGNATED TO REMAIN SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER. AT NO COST TO THE OWNER.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL NECESSARY BEST MANAGEMENT PRACTICES (BMP)
 DEVICES ACCORDING TO ALL REGULATORY AGENCY'S STANDARDS THROUGH THE DURATION OF ALL CONSTRUCTION
 ACTIVITIES
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MAINTENANCE OF TRAFFIC (MOT) THAT MAY BE REQUIRED FOR THE PROJECT.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES, WHETHER PUBLIC OR PRIVATE, PRIOR TO EXCAVATION. THE OWNER AND DESIGN PROFESSIONAL SHALL NOT BE RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF ANY SUCH INFORMATION OR DATA. THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR; REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA; LOCATING ALL UNDERGROUND FACILITIES DURING CONSTRUCTION; THE SAFETY AND PROTECTION THEREOF; REPAIRING ANY DAMAGE THERETO RESULTING FROM THE WORK. THE COST OF ALL WILL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE CONTRACT PRICE. THE CONTRACTOR SHALL NOTIFY ANY AFFECTED UTILITY COMPANIES OR AGENCIES IN WRITING AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.

C. PROTECTION OF EXISTING PLANT MATERIALS

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS EXISTING OR OTHERWISE, CAUSED BY CARELESS EQUIPMENT OPERATION, MATERIAL STOCKPILING, ETC... THIS SHALL INCLUDE COMPACTION BY DRIVING OR PARKING INSIDE THE DRIP-LINE AND SPILLING OIL, GASOLINE, OR OTHER DELETERIOUS MATERIALS WITHIN THE DRIP-LINE. NO MATERIALS SHALL BE BURNED ON SITE. EXISTING TREES KILLED OR DAMAGED SO THAT THEY ARE MISSHAPEN AND/OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR OF FOUR HUNDRED DOLLARS (\$400) PER CALIPER INCH ON AN ESCALATING SCALE WHICH ADDS AN ADDITIONAL TWENTY (20) PERCENT PER INCH OVER FOUR (4) INCHES CALIPER AS FIXED AND AGREED LIQUIDATED DAMAGES. CALIPER SHALL BE MEASURED SIX (6) INCHES ABOVE GROUND LEVEL FOR TREES UP TO AND INCLUDING FOUR (4) INCHES IN CALIPER AND TWELVE (12) INCHES ABOVE GROUND LEVEL FOR TREES OVER FOUR (4) INCHES IN CALIPER.
- 2. SEE TREE MITIGATION PLAN AND NOTES, IF APPLICABLE.

D. MATERIALS

1. GENERAL

MATERIAL SAMPLES LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL, ON SITE OR AS DETERMINED BY THE OWNER. UPON APPROVAL, DELIVERY OF MATERIALS MAY COMMENCE.

MATERIAL SAMPLE SIZE
MULCH ONE (1) CUBIC FOOT

TOPSOIL MIX ONE (1) CUBIC FOOT
PLANTS ONE (1) OF EACH VARIETY (OR TAGGED IN NURSERY)

2. PLANT MATERIALS

a. FURNISH NURSERY-GROWN PLANTS TRUE TO GENUS, SPECIES, VARIETY, CULTIVAR, STEM FORM, SHEARING, AND OTHER FEATURES INDICATED IN PLANT SCHEDULE SHOWN ON DRAWINGS AND COMPLYING WITH ANSI Z60.1 AND THE COLORADO NURSERY ACT; AND WITH HEALTHY ROOT SYSTEMS DEVELOPED BY TRANSPLANTING OR ROOT PRUNING. PROVIDE WELL-SHAPED, FULLY BRANCHED, HEALTHY, VIGOROUS STOCK, DENSELY FOLIATED WHEN IN LEAF AND FREE OF DISEASE, PESTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN SCALD, INJURIES, ABRASIONS, AND DISFIGUREMENT.

- b. TREES FOR PLANTING IN ROWS SHALL BE UNIFORM IN SIZE AND SHAPE.
- c. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN PERMISSION FROM THE PROJECT LANDSCAPE ARCHITECT. ANY ROW TREES MUST BE APPROVED BY OFFICE OF THE CITY FORESTER.
- d. PROVIDE PLANTS OF SIZES, GRADES, AND BALL OR CONTAINER SIZES COMPLYING WITH ANSI Z60.1 AND COLORADO NURSERY ACT FOR TYPES AND FORM OF PLANTS REQUIRED. PLANTS OF A LARGER SIZE MAY BE USED IF ACCEPTABLE TO PROJECT LANDSCAPE ARCHITECT WITH A PROPORTIONATE INCREASE IN SIZE OF ROOTS OR BALLS.
- e. PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH, OR UPON DELIVERY TO THE SITE, AS DETERMINED BY THE OWNER, FOR QUALITY, SIZE, AND VARIETY. SUCH APPROVAL SHALL NOT IMPAIR THE RIGHT OF INSPECTION AND REJECTION AT THE SITE DURING PROGRESS OF THE WORK OR AFTER COMPLETION FOR SIZE AND CONDITION OF ROOT BALLS OR ROOTS, LATENT DEFECTS OR INJURIES. REJECTED PLANTS SHALL BE REMOVED IMMEDIATELY FROM THE SITE. NOTICE REQUESTING INSPECTION SHALL BE SUBMITTED IN WRITING BY THE CONTRACTOR AT LEAST ONE (1) WEEK PRIOR TO ANTICIPATED DATE.
- f. TREES WITH DAMAGED, CROOKED, OR MULTIPLE LEADERS; TIGHT VERTICAL BRANCHES WHERE BARK IS SQUEEZED BETWEEN TWO BRANCHES OR BETWEEN BRANCH AND TRUNK ("INCLUDED BARK"); CROSSING TRUNKS; CUT-OFF LIMBS MORE THAN $\frac{3}{4}$ INCH (19 MM) IN DIAMETER; OR WITH STEM GIRDLING ROOTS WILL BE REJECTED.
- g. FURNISH TREES AND SHRUBS WITH ROOTS BALLS MEASURED FROM TOP OF ROOT BALL, WHICH SHALL BEGIN AT ROOT FLARE ACCORDING TO ANSI Z60.1 AND COLORADO NURSERY ACT. ROOT FLARE SHALL BE VISIBLE BEFORE PLANTING.
- h. LABEL AT LEAST ONE PLANT OF EACH VARIETY, SIZE, AND CALIPER WITH A SECURELY ATTACHED, WATERPROOF TAG BEARING LEGIBLE DESIGNATION OF COMMON NAME AND FULL SCIENTIFIC NAME, INCLUDING GENUS AND SPECIES. INCLUDE NOMENCLATURE FOR HYBRID, VARIETY, OR CULTIVAR, IF APPLICABLE FOR THE PLANT AS SHOWN ON DRAWINGS.
- i. IF FORMAL ARRANGEMENTS OR CONSECUTIVE ORDER OF PLANTS IS SHOWN ON DRAWINGS, SELECT STOCK FOR UNIFORM HEIGHT AND SPREAD, AND NUMBER THE LABELS TO ASSURE SYMMETRY IN PLANTING.

SOIL MIXTURE

- CONTRACTOR SHALL TEST EXISTING SOIL AND AMEND AS NECESSARY IN ACCORDANCE WITH THE GUIDELINES BELOW:
- 2. SOIL MIXTURE SHALL CONSIST OF TWO PARTS OF TOPSOIL AND ONE PART SAND, AS DESCRIBED BELOW. CONTRACTOR TO SUBMIT SAMPLES AND PH TESTING RESULTS OF SOIL MIXTURE FOR OWNER'S REPRESENTATIVE APPROVAL PRIOR TO PLANT INSTALLATION OPERATIONS COMMENCE.
- a. TOPSOIL FOR USE IN PREPARING SOIL MIXTURE FOR BACKFILLING PLANT OPENINGS SHALL BE FERTILE, FRIABLE, AND OF A LOAMY CHARACTER; REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS AND OTHER LITTER; FREE OF ROOTS, STUMPS, STONES LARGER THAN 2" IN ANY DIRECTION, AND OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH. IT SHALL CONTAIN THREE (3) TO FIVE (5) PERCENT DECOMPOSED ORGANIC MATTER, HAVE A PH BETWEEN 5.5 AND 8.0, AND SOLUBLE SALTS LESS THAN 3.0 MMHOS/CM. SUBMIT SOIL SAMPLE AND PH TESTING RESULTS FOR APPROVAL.

b. SAND SHALL BE COARSE, CLEAN, WELL-DRAINING, NATIVE SAND.

3. TREES SHALL BE PLANTED IN THE EXISTING NATIVE SOIL ON SITE, UNLESS DETERMINED TO BE UNSUITABLE - AT WHICH POINT THE CONTRACTOR SHALL CONTACT THE PROJECT LANDSCAPE ARCHITECT TO DISCUSS ALTERNATE RECOMMENDATION PRIOR TO PLANTING.

F. WATER

1. WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN ADEQUATE PLANT GROWTH AND SHALL NOT CONTAIN HARMFUL, NATURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS. WATER MEETING THE ABOVE STANDARD SHALL BE OBTAINED ON THE SITE FROM THE OWNER, IF AVAILABLE, AND THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ARRANGEMENTS FOR ITS USE BY HIS TANKS, HOSES, SPRINKLERS, ETC.... IF SUCH WATER IS NOT AVAILABLE AT THE SITE, THE CONTRACTOR SHALL PROVIDE SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER.

* WATERING/IRRIGATION RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

. FERTILIZER

CONTRACTOR SHALL PROVIDE FERTILIZER APPLICATION SCHEDULE TO OWNER, AS APPLICABLE TO SOIL TYPE, PLANT INSTALLATION TYPE, AND SITE'S PROPOSED USE. SUGGESTED FERTILIZER TYPES SHALL BE ORGANIC OR OTHERWISE NATURALLY-DERIVED.

* FERTILIZER RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

H. MULCH

1. MULCH MATERIAL SHALL BE MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT, AND APPLIED AT A DEPTH OF THREE (3) INCHES. CLEAR MULCH FROM EACH PLANT'S CROWN (BASE) OR AS SHOWN IN PLANTING DETAILS. UNLESS OTHERWISE NOTED ON PLANS, MULCH SHALL BE DOUBLE SHREDDED HARDWOOD MULCH DARK BROWN FINES BY MOUNTAIN HIGH SAVATREE OR APPROVED EQUAL. DYED MULCH IS NOT ACCEPTABLE. SUBMIT SAMPLES TO PROJECT LANDSCAPE ARCHITECT FOR APPROVAL. MULCH SHALL BE PROVIDED OVER THE ENTIRE AREA OF EACH SHRUB BED, GROUND COVER, VINE BED, AND TREE RING (6' MINIMUM) PLANTED UNDER THIS CONTRACT, AS WELL AS FOR ANY EXISTING LANDSCAPE AREAS AS SHOWN ON PLANS.

I. DIGGING AND HANDLING

- 1. ALL TREES SPECIFIED SHALL BE BALLED AND BURLAPPED (B&B) UNLESS OTHERWISE APPROVED BY PROJECT LANDSCAPE
- 2. PROTECT ROOTS OR ROOT BALLS OF PLANTS AT ALL TIMES FROM SUN, DRYING WINDS, WATER AND FREEZING, AS NECESSARY UNTIL PLANTING. PLANT MATERIALS SHALL BE ADEQUATELY PACKED TO PREVENT DAMAGE DURING TRANSIT TREES TRANSPORTED MORE THAN TEN (10) MILES OR WHICH ARE NOT PLANTED WITHIN THREE (3) DAYS OF DELIVERY TO THE SITE SHALL BE SPRAYED WITH AN ANTITRANSPIRANT PRODUCT ("WILTPRUF" OR EQUAL) TO MINIMIZE TRANSPIRATIONAL WATER LOSS.
- B&B, AND FIELD GROWN (FG) PLANTS SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL OF SUFFICIENT SIZE TO ENCOMPASS THE FIBROUS AND FEEDING ROOTS OF THE PLANTS. NO PLANTS MOVED WITH A ROOT BALL SHALL BE PLANTED IF THE BALL IS CRACKED OR BROKEN. PLANTS SHALL NOT BE HANDLED BY STEMS.

CONTAINER GROWN STOCK

- ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS WHICH ARE OF GOOD QUALITY AND ARE IN A HEALTHY GROWING CONDITION.
- 2. AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG ENOUGH FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER. CONTAINER GROWN STOCK SHALL NOT BE HANDLED BY THEIR STEMS.
- 3. ROOT BOUND PLANTS ARE NOT ACCEPTABLE AND WILL BE REJECTED.

K. MATERIALS LIST

1. QUANTITIES NECESSARY TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED BY THE CONTRACTOR. QUANTITY ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE LANDSCAPE ARCHITECT OR OWNER ASSUMES NO LIABILITY FOR OMISSIONS OR ERRORS. SHOULD A DISCREPANCY OCCUR BETWEEN THE PLANS AND THE PLANT LIST QUANTITY, THE PLANS SHALL GOVERN. ALL DIMENSIONS AND/OR SIZES SPECIFIED SHALL BE THE MINIMUM ACCEPTABLE SIZE.

L. FINE GRADING

- FINE GRADING UNDER THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND PLANTING AREAS THAT HAVE BEEN DISTURBED DURING CONSTRUCTION.
- 2. THE CONTRACTOR SHALL FINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE UP TO FINAL FINISHED GRADE ALLOWING FOR THICKNESS OF SOD AND/OR MULCH DEPTH.
- 3. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED FOR POSITIVE DRAINAGE TO SURFACE/SUBSURFACE STORM DRAIN SYSTEMS. AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS. REFER TO CIVIL ENGINEER'S PLANS FOR FINAL GRADES, IF APPLICABLE.

M. PLANTING PROCEDURES

- THE CONTRACTOR SHALL CLEAN WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER DAILY. ALL MORTAR, CEMENT, BUILDING MATERIALS, AND TOXIC MATERIAL SHALL BE COMPLETELY REMOVED FROM PLANTING AREAS. THESE MATERIALS SHALL NOT BE MIXED WITH THE SOIL. SHOULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS IN PLANTING AREAS WHICH WILL ADVERSELY AFFECT THE PLANT GROWTH, THE CONTRACTOR SHALL IMMEDIATELY CALL IT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. FAILURE TO DO SO BEFORE PLANTING SHALL MAKE THE CORRECTIVE MEASURES THE RESPONSIBILITY OF THE CONTRACTOR.
- VERIFY LOCATIONS OF ALL UTILITIES, CONDUITS, SUPPLY LINES AND CABLES, INCLUDING BUT NOT LIMITED TO: ELECTRIC, GAS (LINES AND TANKS), WATER, SANITARY SEWER, STORMWATER SYSTEMS, CABLE, AND TELEPHONE. PROPERLY MAINTAIN AND PROTECT EXISTING UTILITIES. CALL COLORADO (811) TO LOCATE UTILITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
- 3. CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED LIMEROCK AND LIMEROCK SUB-BASE FROM ALL PLANTING AREAS TO A MINIMUM DEPTH OF 36" OR TO NATIVE SOIL. CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISHED GRADE WITH CLEAN TOPSOIL FROM AN ON-SITE SOURCE OR AN IMPORTED SOURCE. IF LIMEROCK OR OTHER ADVERSE CONDITIONS OCCUR IN PLANTED AREAS AFTER 36" DEEP EXCAVATION BY THE CONTRACTOR, AND POSITIVE DRAINAGE CAN NOT BE ACHIEVED, CONTRACTOR SHALL UTILIZE POOR DRAINAGE CONDITION PLANTING DETAIL.
- 4. FURNISH NURSERY'S CERTIFICATE OF COMPLIANCE WITH ALL REQUIREMENTS AS SPECIFIED HEREIN. INSPECT AND SELECT PLANT MATERIALS BEFORE PLANTS ARE DUG AT NURSERY OR GROWING SITE.
- 5. COMPLY WITH APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK. UPON ARRIVAL AT THE SITE, PLANTS SHALL BE THOROUGHLY WATERED AND PROPERLY MAINTAINED UNTIL PLANTED. PLANTS STORED ONSITE SHALL NOT REMAIN UNPLANTED OR APPROPRIATELY HEALED IN FOR A PERIOD EXCEEDING TWENTY-FOUR (24) HOURS. AT ALL TIMES WORKMANLIKE METHODS CUSTOMARY IN ACCEPTED HORTICULTURAL PRACTICES AS USED IN THE TRADE SHALL BE EXERCISED.
- 6. WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS. COORDINATE PLANTING WITH IRRIGATION WORK TO ASSURE AVAILABILITY OF WATER AND PROPER LOCATION OF IRRIGATION APPURTENANCES AND PLANTS.
- 7. ALL PLANTING OPENINGS SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH ANSI Z60.1-2014 AMERICAN STANDARD FOR NURSERY STOCK
- 8. TEST ALL TREE OPENINGS WITH WATER BEFORE PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. NO ALLOWANCE WILL BE MADE FOR LOST PLANTS DUE TO IMPROPER DRAINAGE. IF POOR DRAINAGE EXISTS, UTILIZE "POOR DRAINAGE CONDITION" PLANTING DETAIL.
- 9. TREES SHALL BE SET PLUMB AND HELD IN POSITION UNTIL THE PLANTING MIXTURE HAS BEEN FLUSHED INTO PLACE WITH A SLOW, FULL HOSE STREAM. ALL PLANTING SHALL BE PERFORMED BY PERSONNEL FAMILIAR WITH PLANTING PROCEDURES AND UNDER THE SUPERVISION OF A QUALIFIED LANDSCAPE FOREMEN.
- 10. PRIOR TO EXCAVATION OF TREE OPENINGS, AN AREA EQUAL TO TWO TIMES THE DIAMETER OF THE ROOT BALL SHALL BE ROTO-TILLED TO A DEPTH EQUAL TO THE DEPTH OF THE ROOT BALL.
- 11. EXCAVATION OF TREE OPENINGS SHALL BE PERFORMED USING EXTREME CARE TO AVOID DAMAGE TO SURFACE AND SUBSURFACE ELEMENTS SUCH AS UTILITIES OR HARDSCAPE ELEMENTS, FOOTERS AND PREPARED SUB-BASES.
- 12. IN CONTINUOUS SHRUB AND GROUND COVER BEDS, THE ROTO-TILLED PERIMETER SHOULD EXTEND TO A DISTANCE OF ONE FOOT BEYOND THE DIAMETER OF A SINGLE ROOT BALL. THE BED SHALL BE TILLED TO A DEPTH EQUAL TO THE ROOT BALL DEPTH PLUS 6".
- 13. TREE OPENINGS FOR WELL DRAINED SOILS SHALL BE DUG SO THAT THE BOTTOM OF THE ROOT BALL WILL REST ON UNDISTURBED SOIL AND THE TOP OF THE ROOT BALL WILL BE FLUSH WITH FINISH GRADE. IN POORLY DRAINED SOILS THE TREE OPENING SHALL BE DUG SO THAT THE ROOT BALL RESTS ON UNDISTURBED SOIL AND THE TOP OF THE ROOT BALL IS 1" ABOVE FINISH GRADE. PLANT PIT WALLS SHALL BE SCARIFIED PRIOR TO PLANT INSTALLATION.
- 14. TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO BUILDINGS AND BUILDING STRUCTURES WHILE INSTALLING

15. SOIL MIXTURE SHALL BE AS SPECIFIED IN SECTION 'E'.

- 16. TREES AND SHRUBS SHALL BE SET STRAIGHT AT AN ELEVATION THAT, AFTER SETTLEMENT, THE PLANT CROWN WILL STAND ONE (1) TO TWO (2) INCHES ABOVE GRADE. EACH PLANT SHALL BE SET IN THE CENTER OF THE PIT. SOIL MIXTURE SHALL BE BACK FILLED, THOROUGHLY TAMPED AROUND THE BALL, AND SETTLED BY WATER (AFTER TAMPING).
- 17. AMEND PINE AND OAK PLANT OPENINGS WITH ECTOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. ALL OTHER PLANT OPENINGS SHALL BE AMENDED WITH ENDOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. PROVIDE PRODUCT INFORMATION SUBMITTAL PRIOR TO INOCULATION.

- 18. FILL HOLE WITH SOIL MIXTURE, MAKING CERTAIN ALL SOIL IS SATURATED. TO DO THIS, FILL HOLE WITH WATER AND ALLOW TO SOAK MINIMUM TWENTY (20) MINUTES, STIRRING IF NECESSARY TO GET SOIL THOROUGHLY WET. PACK LIGHTLY WITH FEET, ADD MORE WET SOIL MIXTURE. DO NOT COVER TOP OF BALL WITH SOIL MIXTURE.
- ALL BURLAP, ROPE, WIRES, BASKETS, ETC.., SHALL BE REMOVED FROM THE SIDES AND TOPS OF BALLS, BUT NO BURLAP SHALL BE PULLED FROM UNDERNEATH.
- 20. TREES SHALL BE PRUNED, IN ACCORDANCE WITH ANSI A-300, TO PRESERVE THE NATURAL CHARACTER OF THE PLANT. ALL SOFT WOOD OR SUCKER GROWTH AND ALL BROKEN OR BADLY DAMAGED BRANCHES SHALL BE REMOVED WITH A CLEAN CUT. ALL PRUNING TO BE PERFORMED BY CERTIFIED ARBORIST.
- 21. SHRUBS AND GROUND COVER PLANTS SHALL BE EVENLY SPACED IN ACCORDANCE WITH THE DRAWINGS AND AS INDICATED ON THE PLANT LIST. MATERIALS INSTALLED SHALL MEET MINIMUM SPECIMEN REQUIREMENTS OR QUANTITIES SHOWN ON PLANS, WHICHEVER IS GREATER. CULTIVATE ALL PLANTING AREAS TO A MINIMUM DEPTH OF 6", REMOVE AND DISPOSE ALL DEBRIS. MIX TOP 4" THE PLANTING SOIL MIXTURE AS SPECIFIED IN SECTION E. THOROUGHLY WATER ALL PLANTS AFTER INSTALL ATION
- 22. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO INSURE STABILITY AND MAINTAIN TREES IN AN UPRIGHT POSITION. IF THE CONTRACTOR AND OWNER DECIDE TO WAIVE THE TREE GUYING AND BRACING, THE OWNER SHALL NOTIFY THE PROJECT LANDSCAPE ARCHITECT IN WRITING AND AGREE TO INDEMNIFY AND HOLD HARMLESS THE PROJECT LANDSCAPE ARCHITECT IN THE EVENT UNSUPPORTED TREES PLANTED UNDER THIS CONTRACT FALL AND DAMAGE PERSON OR PROPERTY.
- 23. ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. IF DIRECTED BY THE OWNER, "ROUND-UP" SHALL BE APPLIED FOR WEED CONTROL BY QUALIFIED PERSONNEL TO ALL PLANTING AREAS IN SPOT APPLICATIONS PER MANUFACTURER'S RECOMMENDATIONS. PRIOR TO FINAL INSPECTION, TREAT ALL PLANTING BEDS WITH AN APPROVED PRE-EMERGENT HERBICIDE AT AN APPLICATION RATE RECOMMENDED BY THE MANUFACTURER. (AS ALLOWED BY JURISDICTIONAL AUTHORITY)

N. LAWN SODDING

- 1. THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING COMPLETE, IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A TURF GRASS LAWN ACCEPTABLE TO THE
- 2. ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, AND DEBRIS BY MEANS OF A SOD CUTTER TO A DEPTH OF THREE (3) INCHES, AND THE GROUND BROUGHT TO AN EVEN GRADE. THE ENTIRE SURFACE SHALL BE ROLLED WITH A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.
- PREPARE LOOSE BED FOUR (4) INCHES DEEP. HAND RAKE UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WET PREPARED AREA THOROUGHLY.
- 4. SODDING
- a. THE CONTRACTOR SHALL SOD ALL AREAS THAT ARE NOT PAVED OR PLANTED AS DESIGNATED ON THE DRAWINGS WITHIN THE CONTRACT LIMITS. UNLESS SPECIFICALLY NOTED OTHERWISE.
- b. SOD PANELS SHALL BE LAID TIGHTLY TOGETHER SO AS TO MAKE A SOLID SODDED LAWN AREA. SOD SHALL BE LAID UNIFORMLY AGAINST THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS, PAVED AND PLANTED AREAS. ADJACENT TO BUILDINGS, A 24 INCH STONE MULCH STRIP SHALL BE PROVIDED. IMMEDIATELY FOLLOWING SOD LAYING, THE LAWN AREAS SHALL BE ROLLED WITH A LAWN ROLLER CUSTOMARILY USED FOR SUCH PURPOSES, AND THEN THOROUGHLY IRRIGATED. IF, IN THE OPINION OF THE OWNER, TOP-DRESSING IS NECESSARY AFTER ROLLING TO FILL THE VOIDS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND, AS APPROVED BY THE OWNER'S REPRESENTATIVE, SHALL BE UNIFORMLY SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN. FERTILIZE INSTALLED SOD AS ALLOWED BY PROPERTY'S JURISDICTIONAL AUTHORITY.
- DURING DELIVERY, PRIOR TO, AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY SWEATING OR EXCESSIVE HEAT AND MOISTURE.
- 6. LAWN MAINTENANCE
- a. WITHIN THE CONTRACT LIMITS, THE CONTRACTOR SHALL PRODUCE A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE-SODDING OF ALL ERODED, SUNKEN OR BARE SPOTS (LARGER THAN 12"X12") UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. REPAIRED SODDING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK, INCLUDING REGRADING IF NECESSARY.
- b. CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SOD/LAWN UNTIL ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. PRIOR TO AND UPON ACCEPTANCE, CONTRACTOR TO PROVIDE WATERING/IRRIGATION SCHEDULE TO OWNER. OBSERVE ALL APPLICABLE WATERING RESTRICTIONS AS SET FORTH BY THE PROPERTY'S JURISDICTIONAL AUTHORITY.

O. EDGING

a. CONTRACTOR SHALL INSTALL 4"X $\frac{1}{8}$ " ROLLED TOP STEEL EDGING BETWEEN ALL SOD/SEED AREAS AND PLANTING BEDS.

P. CLEANUP

. UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM CONTRACTORS WORK. ALL PAVED AREAS SHALL BE CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S REPRESENTATIVE.

Q. PLANT MATERIAL MAINTENANCE

1. ALL PLANTS AND PLANTING INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, PRUNING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) NECESSARY TO INSURE A HEALTHY PLANT CONDITION BY THE CONTRACTOR UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE.

R. FINAL INSPECTION AND ACCEPTANCE OF WORK

FINAL INSPECTION AT THE END OF THE WARRANTY PERIOD SHALL BE ON PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT. ANY REPLACEMENT AT THIS TIME SHALL BE SUBJECT TO THE SAME ONE (1) YEAR WARRANTY (OR AS SPECIFIED BY THE LANDSCAPE ARCHITECT OR OWNER IN WRITING) BEGINNING WITH THE TIME OF REPLACEMENT AND ENDING WITH THE SAME INSPECTION AND ACCEPTANCE HEREIN DESCRIBED.

S. WARRANTY

- THE LIFE AND SATISFACTORY CONDITION OF ALL PLANT MATERIAL INSTALLED (INCLUDING SOD) BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE.
- 2. ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION AT THE END OF THE WARRANTY PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED PLANTED AND MULCHED AS SPECIFIED AT NO ADDITIONAL COST TO THE OWNER.
- 3. IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE AND IRRIGATION MAINTENANCE, THE CONTRACTOR SHOULD VISIT THE PROJECT SITE PERIODICALLY DURING THE ONE (1) YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES BEING PERFORMED BY THE OWNER. CONTRACTOR SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH THREATEN VIGOROUS AND HEALTHY PLANT GROWTH.

1 KIMLEY—HORN AND ASSOCIATES, INC. South Ulster Street, Suite 1500

DESIGNED BY: ME
DRAWN BY: AE
CHECKED BY: SA
DATE: 05/11/202

AL DESCRIPTION: TION 21, TOWNSHIP 10 TH, RANGE 2 EAST, CITY DF ALBUQUERQUE, NALILLO COUNTY, NEW

> STORAGE - ALBUQUERQUI BUQUERQUE, NEW MEXICO

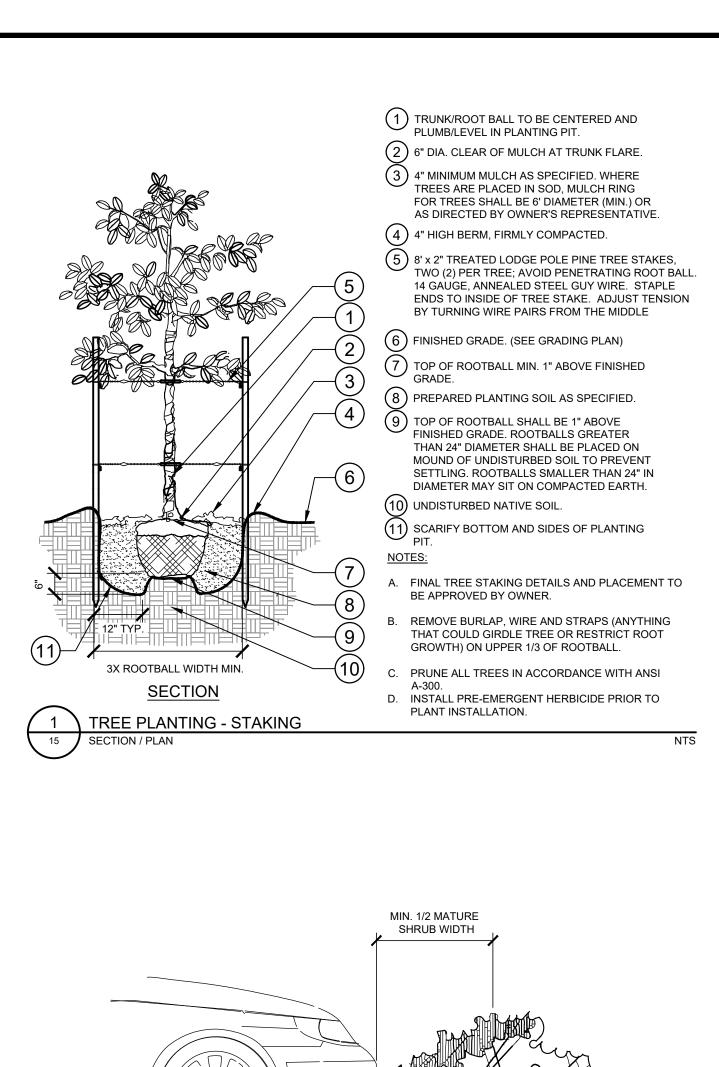


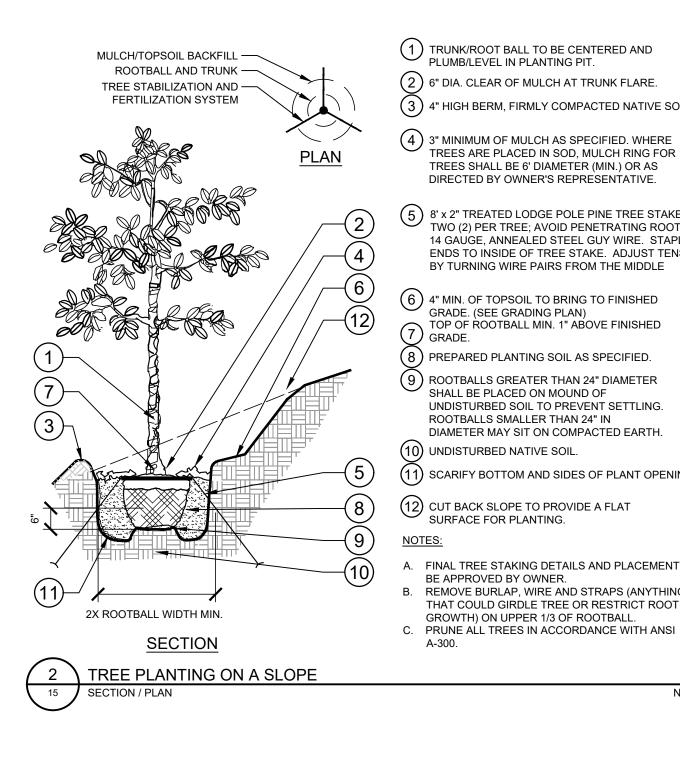
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14

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TRUNK/ROOT BALL TO BE CENTERED AND PLUMB/LEVEL IN PLANTING PIT. BEST FACE OF SHRUB/-GROUNDCOVER TO FACE (2) 6" DIA. CLEAR OF MULCH AT TRUNK FLARE. FRONT OF PLANTING BED. REFER TO PLANT $(\,3\,)$ 4" HIGH BERM, FIRMLY COMPACTED NATIVE SOIL. SCHEDULE FOR SPACING. MAINTAIN 12" DEAD ZONE $ig(\,4\,ig)$ 3" MINIMUM OF MULCH AS SPECIFIED. WHERE TREES ARE PLACED IN SOD, MULCH RING FOR AT BED EDGE. TREES SHALL BE 6' DIAMETER (MIN.) OR AS DIRECTED BY OWNER'S REPRESENTATIVE. (5) 8' x 2" TREATED LODGE POLE PINE TREE STAKES, ΓWO (2) PER TREE; AVOID PENETRATING ROOT BALL. 14 GAUGE, ANNEALED STEEL GUY WIRE. STAPLE ENDS TO INSIDE OF TREE STAKE. ADJUST TENSION BY TURNING WIRE PAIRS FROM THE MIDDLE (6) 4" MIN. OF TOPSOIL TO BRING TO FINISHED GRADE. (SEE GRADING PLAN) TOP OF ROOTBALL MIN. 1" ABOVE FINISHED (8) PREPARED PLANTING SOIL AS SPECIFIED. (9) ROOTBALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING. ROOTBALLS SMALLER THAN 24" IN DIAMETER MAY SIT ON COMPACTED EARTH. (10) UNDISTURBED NATIVE SOIL. 2X ROOT BALL WIDTH (11) SCARIFY BOTTOM AND SIDES OF PLANT OPENING. 12) CUT BACK SLOPE TO PROVIDE A FLAT **SECTION** SURFACE FOR PLANTING. A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER. B. REMOVE BURLAP, WIRE AND STRAPS (ANYTHING THAT COULD GIRDLE TREE OR RESTRICT ROOT

- 3" MIN. DEPTH MULCH -

AMENDED PLANTING SOIL, REF. PLANTING SOIL PLANS AND

PLANTING SPECIFICATIONS

UNDISTURBED NATIVE SOIL

4oz FILTER FABRIC

SEE PLANS

(1) TOP OF ROOTBALLS TO BE PLANTED AT GRADE OR SLIGHTLY ABOVE SURROUNDING SOIL. 2" DIA. CLEAR OF MULCH AT TRUNK FLARE.

(2) PRUNE ALL SHRUBS TO ACHIEVE A UNIFORM MASS/HEIGHT.

3) 4" MULCH LAYER AS SPECIFIED.

(4) EXCAVATE ENTIRE BED SPECIFIED FOR GROUNDCOVER 5 FOR CONDITIONS WITH FINISHED

GRADE OF 4:1 MAX SLOPE ON ALL SIDES (SEE GRADING PLAN). (6) PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE NOTES) NOTE: WHEN GROUND-COVERS AND SHRUBS USED IN MASSES, ENTIRE BED TO BE AMENDED WITH PLANTING SOIL MIX AS SPECIFIED.

7) SCARIFY PLANT OPENING SIDES AND BOTTOM. (8) 4" HIGH BERM FIRMLY COMPACTED.

ABOVE SURROUNDING SOIL. 2" DIA.

CLEAR OF MULCH AT TRUNK FLARE.

(2) PRUNE SHRUBS AS DIRECTED BY

OWNER'S REPRESENTATIVE.

SPECIFIED. WHERE SHRUBS ARE PLACED IN MASSES, MULCH SHALL

(4) SOIL BERM TO HOLD WATER. TOP

LEVEL ACROSS PIT. SLOPE

5 FINISHED GRADE (SEE GRADING

6 PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE

(7) NOTES). SCARIFY SIDES AND BOTTOM OF

(8) FERTILIZER TABLETS (MAX 3"

9 UNDISTURBED NATIVE SOIL

BE SPREAD IN A CONTINUOUS BED.

DOWNHILL PORTION OF BERM AS

REQUIRED TO MEET EXISTING GRADE. MULCH OVER EXPOSED

(3) 4" MINIMUM OF MULCH AS

(9) UNDISTURBED NATIVE SOIL. 10 FERTILIZER TABLETS (MAX 3"

A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING AREAS PRIOR TO INSTALLATION.

B. WHEN SHRUBS ARE PRUNED IN MASSES, PRUNE ALL SHRUBS TO ACHIEVE UNIFORM MASS / HEIGHT.

C. ALL SHRUBS AND GROUNDCOVERS SHALL BE PLUMB VERTICALLY, UNLESS OTHERWISE DIRECTED BY PROJECT LANDSCAPE ARCHITECT. D. PRE-EMERGENT HERBICIDE TO BE APPLIED PRIOR TO PLANT INSTALLATION.

SHRUB/GROUNDCOVER PLANTING

2X ROOT BALL

WIDTH MINIMUM

A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANT

C. ALL SHRUBS AND GROUNDCOVERS SHALL BE PLUMB

B. WHEN SHRUBS ARE PRUNED IN MASSES, PRUNE ALL SHRUBS TO

SHRUB/GROUNDCOVER PLANTING ON A SLOPE

VERTICALLY, UNLESS OTHERWISE DIRECTED BY OWNERS

D. PRE-EMERGENT HERBICIDE TO BE APPLIED PRIOR TO PLANT

OPENINGS PRIOR TO INSTALLATION.

ACHIEVE UNIFORM MASS / HEIGHT.

REPRESENTATIVE.

INSTALLATION.

EXISTING 7 GRADE

WIDTH VARIES - SEE PLANS

(1) CROWN ISLANDS @ 5:1 SLOPES (OR AS SPECIFIED ON THE LANDSCAPE PLANS). (2) CLEAR ZONE: 36" MIN. FROM BACK OF CURB TO CENTER OF NEAREST SHRUB. CLEAR

ZONE SHALL CONTAIN 4" CONTINUOUS MULCH OR TURF, SEE PLANS. (3) 2" MIN VERTICAL CLEARANCE, TOP OF CURB TO TOP OF MULCH.

A. EXCAVATE A CONTINUOUS 24" DEEP PIT (FROM TOP OF CURB) FOR ENTIRE LENGTH AND WIDTH OF ISLAND & BACKFILL WITH APPROVED PLANTING MIX.

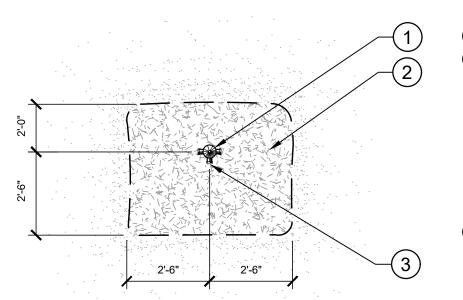
B. PROTECT AND RETAIN ALL CURBS AND BASE. COMPACTED SUBGRADE TO REMAIN FOR STRUCTURAL SUPPORT OF CURB SYSTEM (TYP).

C. ALL ISLANDS SHALL UTILIZE POOR DRAINAGE DETAIL WHEN PERCOLATION RATES ARE 2" PER HOUR

4 \ PLANTED PARKING LOT ISLANDS/MEDIANS



SECTION

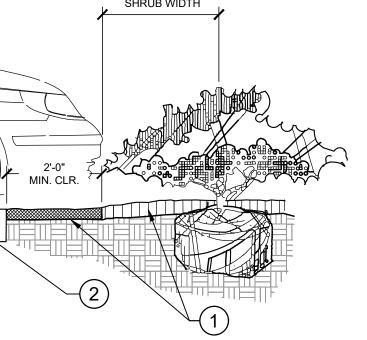


MATURE HEIGHT MATERIAL SHALL BE PLACED WITHIN SHOWN RADIUS OF ALL PROPOSED OR EXISTING FIRE HYDRANTS CONTRACTOR SHALL ADJUST PLANT MATERIAL SO THAT NO CONFLICTS WITH FIRE HYDRANTS OCCUR ON (3) FRONT OF HYDRANT

(TOWARD CURB)

SHRUB PLANTING AT FIRE HYDRANT

<u>PLAN</u>



(1) INSTALL CONTINUOUS MULCH BED ADJACENT TO PARKING SPACES AS SHOWN. MULCH SHALL BE MIN. 4" DEEP. NO POP-UP IRRIGATION HEADS SHALL BE LOCATED WITHIN 24" OF A PARKING SPACE ON ANY SIDE.

(2) CURB / PARKING LOT EDGE.

5 PARKING SPACE/CURB PLANTING

NATIVE SEED INFORMATION SHORT GRASS MIX BY APPLEWOOD SEED COMPANY OR EQUAL SEEDING RATE: 6 LBS/ACRE

SCIENTIFIC NAME

BOUTELOUA GRACILIS **BOUTELOUA CURTIPENDULA** SPOROBOLUS CRYPTANDRUS **KOELERIA MACRANTHA**

COMMON NAME

BLUE GRAMA SIDEOATS GRAMA SAND DROPSEED PRARIE JUNEGRASS METAL EDGER AT PLANTING BED

LANDSCAPE BED

DETENTION BASIN SEED MIX

METAL EDGING, $\frac{3}{16}$ "

TOPSOIL, REF. PLANTING -

SOIL PLAN AND PLANTING

COLOR: BLACK

SPECIFICATIONS

 TO BE PER THE CITY OF ALBUQUERQUE PLANNING DEPARTMENT DRAINAGE PONDS: SLOPE STABILIZATION AND SEEDING REQUIREMENTS (MARCH 25, 2022). POND STABILIZATION TO FOLLOW SECTION 1013

BUQUEF



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15

 FIRE HYDRANT (1) FIRE HYDRANT.

CHECKED BY: SA DATE: 05/11/202

DESIGNED BY: ME

DRAWN BY: AEI

ALBUQUERQUE

QUE, NEW MEXICO TE PLAN SAPE DETAILS



SHEET

PR-2020-004757_SI-2021-00307_Site_Plan_Ap proved_5-5-21_Sheet_1

Final Audit Report 2022-07-26

Created: 2022-07-21

By: Jay Rodenbeck (jrodenbeck@cabq.gov)

Status: Signed

Transaction ID: CBJCHBCAABAAQvd-QGxBMm7oc0f13ulllfSLCQtE0gzx

"PR-2020-004757_SI-2021-00307_Site_Plan_Approved_5-5-21_ Sheet_1" History

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Agreement completed.

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